MORPHISTO
Laborchemikalien & Histologieservice

Ready-to-Use Chemicals for Histology and Cytology

Catalogue 2024

www.morphisto.de

MORPHISTO
Laborchemikalien & Histologieservice

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

01. Fixing agents

Alcohol formalin glacial acetic acid fixative (AFA)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Formaldehyde ~37%, stabilised
- Acetic acid 99%

Fixation of tissue samples

Alcohol Formalin Glacial Acetic Fixative (AFA) is a fixative solution in histology and cytology consisting of ethanol, formalin and glacial acetic acid. It preserves and stabilizes cell structures and tissue components for staining and microscopic examination by fixing proteins, lipids and nucleic acids.

Order-No.:	Amount:	Price:
11874.00100	**100 ml**	**16,31**
11874.00250	**250 ml**	**20,56**
11874.00500	**500 ml**	**23,01**
11874.01000	**1.000 ml**	**41,00**

Alcoholic Formaline Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formalin 4 %, carbonate buffer, pH neutral
- Ethyl alcohol

Fixation of tissue samples

Alcohol Formalin Fixative is a single solution consisting of 4% neutral buffered formalin and 99.0% denatured ethanol. It is used in medical diagnostics, histology and scientific laboratories for the fixation of tissue samples. Fixation is based on the cross-linking of proteins and nucleic acids by formaldehyde and ethanol, stabilizing cell structures and preserving tissue morphology.

Order-No.:	Amount:	Price:
18231.00100	**100 ml**	**28,00**
18231.00250	**250 ml**	**37,50**
18231.00500	**500 ml**	**43,07**
18231.01000	**1.000 ml**	**62,54**
18231.02500	**2.500 ml**	**104,19**
18231.05000	**5.000 ml**	**161,33**
18231.10000	**10.000 ml**	**188,30**
18231.20000	**20.000 ml**	**215,72**
18231.25000	**25.000 ml**	**229,32**
18231.30000	**30.000 ml**	**241,87**

Ammonium Sulfate Fixative pH 7,0

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Potassium Citrate Fixation-Buffer pH 7.0
- Ammonium sulfate p.A.

Fixation of tissue samples

Ammonium sulfate fixation medium pH 7.0 is a solution of potassium citrate fixation buffer and ammonium sulfate used for the preservation of cellular and tissue structures in cell biology and histology. It preserves proteins by precipitating their spatial structures and enables precise analyses.

Order-No.:	Amount:	Price:
12918.00250	**250 ml**	**46,87**
12918.00500	**500 ml**	**73,35**
12918.01000	**1.000 ml**	**137,03**

Ammonium Sulfate Fixative pH 7.25

Lagerung: *< 4°C*

Relevant Incredients:
- Citric acid
- Ethylmaleinimid-N
- Ammonium sulfate p.A.
- Potassium Hydroxide Solution 3 mol/l
- Magnesiumsulfat-Heptahydrat

Fixation of tissue samples

Ammonium sulfate fixation medium pH 7.25 is a special product for fixation and transport of biological samples for immunofluorescence diagnostics, which preserves antigens and maintains their structure and reactivity. It offers the advantage of stable antigen preservation and longer storage and transport time compared to other fixation media.

Order-No.:	Amount:	Price:
13255.00250	**250 ml**	**45,02**
13255.00500	**500 ml**	**66,03**
13255.01000	**1.000 ml**	**125,46**
13255.02500	**2.500 ml**	**274,07**

Bouin Allen Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Formaldehyde ~37%, stabilised
- Chromium(VI)oxide

Fixation of tissue samples

Bouin-Allen Fixing Solution is a plant tissue fixation solution used in botany to preserve fine cellular structures and delicate plant materials. It consists of picric acid, formalin, acetic acid and chromium (VI) oxide and allows high-contrast staining of histological sections.

Order-No.:	Amount:	Price:
11641.00100	**100 ml**	**29,58**
11641.00250	**250 ml**	**35,42**
11641.00500	**500 ml**	**39,62**
11641.01000	**1.000 ml**	**75,76**

BOUIN Fixing Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric acid (C.I.: 10305)
- Formaldehyde ~37%, stabilised
- Acetic acid 99%

Fixation of tissue samples

The Bouin fixative solution is a histological solution for the fixation and preservation of cell and tissue structures, especially in soft tissues such as ovaries and testes. It consists of picric acid, formalin and acetic acid and is particularly suitable for trichrome staining.

Order-No.:	Amount:	Price:
10153.00100	**100 ml**	**24,06**
10153.00250	**250 ml**	**30,52**
10153.00500	**500 ml**	**46,26**
10153.01000	**1.000 ml**	**63,77**
10153.02500	**2.500 ml**	**129,05**
10153.05000	**5.000 ml**	**220,63**
10153.10000	**10.000 ml**	**422,68**
10153.60000	**60.000 ml**	**2047,19**

BOUIN-HOLLANDE's Fixative for IHC

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Essigsaeure; Kupfer(II)-acetat-hydrat
- Picric acid (C.I.: 10305)
- Formaldehyde ~37%, stabilised
- Acetic acid 99%

Fixation of tissue samples

Bouin-Hollande Fixing Solution is a modified Bouin fixing solution optimized for immunohistochemistry (IHC). It allows effective fixation and preservation of tissue specimens, preserving morphology and intracellular components without compromising antigenicity. It is widely used for soft tissues and enhances IHC imaging through antigen unmasking.

Order-No.:	Amount:	Price:
12588.00100	**100 ml**	**41,51**
12588.00250	**250 ml**	**53,56**
12588.00500	**500 ml**	**77,12**
12588.01000	**1.000 ml**	**148,34**
12588.02500	**2.500 ml**	**319,67**

BOUINs reagent (4 % formaldehyde)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Formaldehyde ~37%, stabilised
- Picric acid (C.I.: 10305)

Fixation of tissue samples

BOUIN's solution is a universally applicable fixing solution of picric acid, formalin and glacial acetic acid, ideal for highly aqueous tissues. It enables high-contrast and brilliant staining of histological sections, has a decalcifying effect and enables IHC imaging with antigen masking.

Order-No.:	Amount:	Price:
18284.00100	**100 ml**	**22,27**
18284.00250	**250 ml**	**27,50**
18284.00500	**500 ml**	**47,83**
18284.01000	**1.000 ml**	**64,62**
18284.02500	**2.500 ml**	**127,56**
18284.05000	**5.000 ml**	**215,96**
18284.10000	**10.000 ml**	**391,72**

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01. Fixing agents

CARNOY Fixing Solution (Chloroform)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Trichloromethane
- Acetic acid 99%

Fixation of tissue samples

Carnoy fixing solution (chloroform) is used to preserve cell and tissue structures in the preparation of tissue sections and cell preparations. The solution consists of absolute ethanol, chloroform and acetic acid and allows rapid fixation while preserving morphology and intracellular components. It is particularly suitable for the study of nucleic acids and glycogen and provides better fine structure preservation than many other fixation methods.

Order-No.:	Amount:	Price:
10159.00100	**100 ml**	**21,63**
10159.00250	**250 ml**	**29,40**
10159.00500	**500 ml**	**53,75**
10159.01000	**1.000 ml**	**67,16**

CARNOY fixing solution (formaldehyde-alcohol-acetic acid)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Formaldehyde ~37%, stabilised

Fixation of tissue samples

CARNOY fixative solution is a histological solution of formaldehyde, alcohol and acetic acid used for preservation and fixation of tissue specimens. It allows rapid fixation of cell structures, efficient preservation of cell morphology and is particularly suitable for chromosome fixation. However, it cannot be used for all staining and immunohistochemistry applications.

Order-No.:	Amount:	Price:
10162.00100	**100 ml**	**18,18**
10162.00250	**250 ml**	**20,56**
10162.00500	**500 ml**	**23,01**
10162.01000	**1.000 ml**	**41,00**

CARNOY's Fixative (Chloroform & Iron(III) Chloride) - A

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Trichloromethane
- Acetic acid 99%
- Iron(III)chloride hexahydrate

Fixation of tissue samples

Carnoy Fixing Solution, consisting of chloroform and ferric chloride, is used in histology and cytology to fix cells and tissues. It preserves cellular structures and morphological details and is particularly useful for fixing glycogen, nucleic acids and lipids in tissue sections. The solution is suitable for various staining methods and microscopic techniques.

Order-No.:	Amount:	Price:
11694.00100	**100 ml**	**31,02**
11694.00250	**250 ml**	**32,13**
11694.00500	**500 ml**	**37,15**
11694.01000	**1.000 ml**	**67,42**
11694.02500	**2.500 ml**	**137,68**

CARNOY's Fixative (Chloroform & Iron(III) Chloride) - B

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Trichloromethane
- Acetic acid 99%
- Iron(III)chloride hexahydrate

Fixation of tissue samples

CARNOY Fixing Solution B is an in vitro diagnostic agent for histological and pathological analyses. It is used to fix tissue samples and consists of ethanol, chloroform, acetic acid and ferric chloride. The solution preserves natural cell morphology and stabilizes molecular structures.

Order-No.:	Amount:	Price:
14950.00100	**100 ml**	**27,88**
14950.00250	**250 ml**	**29,41**
14950.00500	**500 ml**	**37,02**
14950.01000	**1.000 ml**	**67,18**
14950.02500	**2.500 ml**	**137,13**

Chromic Acid 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromium(VI)oxide

fixation of specimens. Etchant in metallography.

Chromic acid 10% is an aqueous solution with applications in histology, metalworking and cleaning of glassware. It is used as a fixative in histology to preserve cell structures, as a passivating agent for metals and to remove organic contaminants from glass surfaces.

Order-No.:	Amount:	Price:
13200.00100	**100 ml**	**32,20**
13200.00250	**250 ml**	**37,76**
13200.00500	**500 ml**	**65,36**
13200.01000	**1.000 ml**	**109,95**
13200.02500	**2.500 ml**	**233,30**

Chromic Acid 15 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromium(VI)oxide

Fixation of tissue samples. Etchant in metallography.

Chromic acid 15 % is a versatile oxidizing agent used in scientific and industrial applications. In particular, it is used as a fixative in histology, for etching metal surfaces in metallography and as an oxidizing agent in medical diagnostics and laboratory environments.

Order-No.:	Amount:	Price:
16864.00100	**100 ml**	**51,68**
16864.00250	**250 ml**	**62,08**
16864.00500	**500 ml**	**96,55**
16864.01000	**1.000 ml**	**162,68**
16864.02500	**2.500 ml**	**356,45**
16864.05000	**5.000 ml**	**662,40**

Chromic Acid 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromium(VI)oxide

Fixation of tissue samples. Etchant in metallography.

Chromic acid 2% is a chemical solution used in histology, cytology and metallography. It is used for preparation and staining of tissue specimens, cleaning of glassware and as a catalyst in chemical reactions. Chromic acid is corrosive and carcinogenic, so strict safety precautions are required.

Order-No.:	Amount:	Price:
12208.00100	**100 ml**	**33,43**
12208.00250	**250 ml**	**36,64**
12208.00500	**500 ml**	**51,65**
12208.01000	**1.000 ml**	**91,91**

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01. Fixing agents

Chromic Acid 4 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromium(VI)oxide

Fixation of tissue samples

Chromic acid 4% is an oxidizing agent used for the fixation of tissue samples in histology. It oxidizes and cross-links proteins to stabilize cell structures. However, alternative methods are preferred due to toxicity and environmental concerns.

Order-No.:	Amount:	Price:
12904.00100	**100 ml**	**30,75**
12904.00250	**250 ml**	**39,71**
12904.00500	**500 ml**	**59,26**
12904.01000	**1.000 ml**	**104,19**
12904.02500	**2.500 ml**	**213,12**

Chromic Acid 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromium(VI)oxide

Fixation of tissue samples. Etchant in metallography.

Chromic acid 5% is a versatile aqueous solution used in histology, metal industry, electrochemistry, laboratories and wood treatment. It serves as a fixative, surface treatment, electrolyte, cleaning agent and protective agent against pests and fungi.

Order-No.:	Amount:	Price:
11697.00100	**100 ml**	**38,80**
11697.00250	**250 ml**	**45,05**
11697.00500	**500 ml**	**67,84**
11697.01000	**1.000 ml**	**114,27**
11697.02500	**2.500 ml**	**231,72**

DAVIDSON fixing mixture (L)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Formaldehyde ~37%, stabilised
- Acetic acid 99%

Fixation of swab specimens

Davidson Fixation Mix (L) is a high quality fixation solution for histology, medical diagnostics and life science applications. It provides effective fixation and preservation of tissue specimens with enhanced morphological details and cell structures, while gently fixing delicate tissue structures.

Order-No.:	Amount:	Price:
13548.00100	**100 ml**	**9,91**
13548.00250	**250 ml**	**10,42**
13548.00500	**500 ml**	**12,33**
13548.01000	**1.000 ml**	**18,41**
13548.02500	**2.500 ml**	**29,38**
13548.05000	**5.000 ml**	**44,15**
13548.10000	**10.000 ml**	**79,40**

DAVIDSON solution

Lagerung:

Relevant Incredients:
- Ethyl alcohol
- Acetic acid 99%
- Formalin 4 %, phosphate buffer pH 7.4

Fixation of swab specimens

The DAVIDSON solution is a ready-to-use fixing solution for histology consisting of distilled water, ethanol, acetic acid and formalin. It provides rapid and effective fixation of tissue specimens and is particularly suitable for invertebrates, fish, reptiles and amphibians, as well as soft tissue and plant material. The solution improves morphology and antigen preservation compared to conventional fixatives.

Order-No.:	Amount:	Price:
12723.00100	**100 ml**	**8,04**
12723.00250	**250 ml**	**9,10**
12723.00500	**500 ml**	**10,98**
12723.01000	**1.000 ml**	**16,90**
12723.02500	**2.500 ml**	**27,70**
12723.05000	**5.000 ml**	**43,69**

DAVIDSON solution, modified (L)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Ethyl alcohol
- Acetic acid 99%

Fixation of swab specimens

DAVIDSON Modified Solution (L) is a versatile histology product used primarily in scientific laboratories for specimen preparation. It is composed of water, formaldehyde, ethanol and acetic acid and enables improved tissue morphology and specimen quality by reducing tissue shrinkage and preserving fine morphological details.
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Order-No.:	Amount:	Price:
19496.00100	**100 ml**	**13,39**
19496.00250	**250 ml**	**13,61**
19496.00500	**500 ml**	**15,38**
19496.01000	**1.000 ml**	**22,71**
19496.02500	**2.500 ml**	**35,09**
19496.05000	**5.000 ml**	**49,89**
19496.10000	**10.000 ml**	**87,98**

DELAUNAY's Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetone
- Ethyl alcohol
- Trichloroacetic Acid 1.0 mol/l

Fixation of tissue samples

DELAUNAY Fixing Solution is a ready-to-use solution for the fixation of tissue samples in medical and histological diagnostics. It stabilizes cells, removes water and solidifies cell structures. As a result, it enables precise microscopic assessments and further analyses such as immunohistochemistry and molecular techniques.

Order-No.:	Amount:	Price:
16001.00100	**100 ml**	**28,35**
16001.00250	**250 ml**	**40,79**
16001.00500	**500 ml**	**56,15**
16001.01000	**1.000 ml**	**75,80**
16001.02500	**2.500 ml**	**153,18**

Diethyl Ether Faxiation

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Diethyl ether anhydrous
- Acetic acid 99%
- Formaldehyde ~37%, stabilised
- Aqua dest. / pure water

Fixation of tissue samples

Diethyl ether fixative solution is an effective fixative in in vitro diagnostics used in histological, cytological and microscopic examinations. It preserves cell structures and enables detailed examinations of tissue samples. The substances it contains cross-link and stabilize proteins and lipids, enabling precise observation of cell morphology and identification of disease states.

Order-No.:	Amount:	Price:
15274.00100	**100 ml**	**28,77**
15274.00250	**250 ml**	**44,18**
15274.00500	**500 ml**	**68,53**
15274.01000	**1.000 ml**	**86,78**
15274.02500	**2.500 ml**	**182,47**

ESPOSTI's Fixative for Urine Cytology

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Acetic acid 99%

Fixation of urine samples

Esposti fixative is a solution for preservation and fixation of cells in urine specimens. It provides effective, gentle fixation, optimal cell morphology and prevents cell degradation. It is suitable for fresh and stored samples and provides good staining results for differentiation of cell types.

Order-No.:	Amount:	Price:
12670.00100	**100 ml**	**17,92**
12670.00250	**250 ml**	**18,24**
12670.00500	**500 ml**	**25,70**
12670.01000	**1.000 ml**	**31,74**

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01. Fixing agents

Ethanol Glacial Acetic Acid Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Acetic acid 99%

Fixation of tissue samples

The ethanol-glacial acetic acid fixing solution is used in histology and cytology for the preservation and stabilization of tissue samples. It consists of a mixture of ethanol and glacial acetic acid, which denatures cellular proteins and stabilizes covalent bonds. The solution allows good morphological preservation and clear staining of cell structures and is used for cell smears, cytological preparations and cytodiagnostics.

Order-No.:	Amount:	Price:
12173.00100	**100 ml**	**12,87**
12173.00250	**250 ml**	**18,28**
12173.00500	**500 ml**	**18,52**
12173.01000	**1.000 ml**	**31,90**
12173.02500	**2.500 ml**	**58,88**

Fixation Spray for Cytology

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Polyethylene Glycol (PEG)
- Methyl alcohol

Fixation of swab specimens

Fixation Spray for Cytology is a fixative in spray form, developed for the preservation of cell preparations such as Pap smears. It preserves cellular structure and morphology during processing, staining and analysis. The spray contains alcohols, acetone and other fixatives that stabilize cell structures and enable optimal staining.

Order-No.:	Amount:	Price:
11806.00100	**100 ml**	**16,31**
11806.00250	**250 ml**	**20,79**
11806.00500	**500 ml**	**33,72**
11806.01000	**1.000 ml**	**48,94**
11806.02500	**2.500 ml**	**80,51**

Fixative after THIEL

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- ammonium nitrate
- Sodium sulfate
- Potassium nitrate
- Boric acid 99,5% ph.Eur.

Fixation of tissue samples

Thiel's fixative solution is used in anatomical and histological research to preserve tissues and organs. It consists of formaldehyde, ethanol, sodium sulfate and sodium hydroxide and allows better preservation of tissue structure, color and elasticity, which is particularly beneficial for the study of joints, tendons, ligaments, nerve structures and blood vessels.

Order-No.:	Amount:	Price:
12419.00100	**100 ml**	**22,73**
12419.00250	**250 ml**	**28,70**
12419.00500	**500 ml**	**36,72**
12419.01000	**1.000 ml**	**65,47**
12419.02500	**2.500 ml**	**132,10**
12419.x1000	**1.000.000**	**8212,96**

Fixative for Eyes after YANOFF

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Glutaraldehyde 25%
- Formaldehyde ~37%, stabilised
- Sodium di-hydrogen Phosphat 2-hydrate
- Di-sodium hydrogen phosphate dihydrate
- Sodium di-hydrogen Phosphat 2-hydrate
- Di-sodium hydrogen phosphate dihydrate

Fix eyes

YANOFF eye fixative solution preserves and stabilizes tissues, especially ocular tissues, by forming cross-links between proteins. It contains aldehydes such as formaldehyde and glutardialdehyde and phosphate salts as buffers. This keeps the tissue structurally intact and suitable for further examination.

Order-No.:	Amount:	Price:
14913.00100	**100 ml**	**26,75**
14913.00250	**250 ml**	**32,92**
14913.00500	**500 ml**	**37,67**
14913.01000	**1.000 ml**	**65,78**
14913.02500	**2.500 ml**	**125,92**

Fixative for Neurofeto Pathology

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Sodium chloride
- Zinc sulphate heptahydrate

Fixation of tissue samples

Fixatives for neurofetopathology are essential to preserve and stabilize cell structures in tissue samples. They contain formaldehyde, sodium chloride, and zinc sulfate heptahydrate, which crosslink proteins, stabilize osmotic conditions, and fix cell structures. This enables detailed investigations and analyses.

Order-No.:	Amount:	Price:
17740.00100	**100 ml**	**36,91**
17740.00250	**250 ml**	**48,09**
17740.00500	**500 ml**	**64,80**
17740.01000	**1.000 ml**	**77,41**
17740.02500	**2.500 ml**	**139,09**

Fixing mixture for blood and bone marrow smears

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Citric acid
- tri-Sodium citrate dihydrate
- Sodium chloride
- Isopropyl alcohol
- Formaldehyde ~37%, stabilised

Fixation of swab specimens

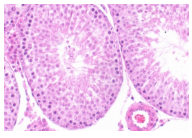
Blood and bone marrow smear fixative is a laboratory chemical for fixing and preserving cells and cell structures in diagnostic staining kits for leukemia detection. It enables optimal analyzability, improves leukemia diagnostics, and facilitates malignant cell identification for better treatment decisions. Components are carefully matched for optimal performance and reliability.

Order-No.:	Amount:	Price:
15231.00100	**100 ml**	**31,07**
15231.00250	**250 ml**	**40,06**
15231.00500	**500 ml**	**52,71**
15231.01000	**1.000 ml**	**64,64**
15231.02500	**2.500 ml**	**123,77**

Fixing solution according to STIEVE

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Mercury(II) chloride



Fixation of tissue samples

Stieve's fixing solution is used in histology for the preservation of tissue specimens, especially testicular biopsies and sensitive tissue. It allows good preservation of cellular structures and morphology and consists of mercury dichloride, formalin and acetic acid.

Order-No.:	Amount:	Price:
10418.00100	**100 ml**	**40,00**
10418.00250	**250 ml**	**54,64**
10418.00500	**500 ml**	**93,35**
10418.01000	**1.000 ml**	**175,68**
10418.02500	**2.500 ml**	**389,81**
10418.60000	**60.000 ml**	**11978,60**

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01. Fixing agents

Formaldehyde fixing solution for Bulbi

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Glutaraldehyde 25%
- Paraformaldehyde
- SOERENSEN's Buffer / PBS Buffer Stock Solution A
- SOERENSEN's Buffer / PBS Buffer Stock Solution B

Fix eyes

Formaldehyde fixative solution for bulbi is used for fixation and preparation of ocular tissue, especially the bulbus oculi. It contains formaldehyde, glutardialdehyde and paraformaldehyde, which stabilize the tissue structure, and a Sörensen buffer for pH regulation. The solution allows optimal fixation conditions, longer storage and further investigations such as histological or microscopic analysis.

Order-No.:	Amount:	Price:
14919.00100	**100 ml**	**27,32**
14919.00250	**250 ml**	**34,56**
14919.00500	**500 ml**	**37,95**
14919.01000	**1.000 ml**	**72,32**
14919.02500	**2.500 ml**	**141,46**

Formalin 2 %, unbuffered, stabilized

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised

fixation of specimen

Formalin 2%, unbuffered, stabilized, is a solution of formaldehyde used in histology and in vitro diagnostics. It allows chemical reactions with biological molecules and stabilizes them, making it ideal for fixing and preserving tissue for microscopic examination.

Order-No.:	Amount:	Price:
18847.00100	**100 ml**	**7,21**
18847.00250	**250 ml**	**9,37**
18847.00500	**500 ml**	**11,04**
18847.01000	**1.000 ml**	**12,44**
18847.02500	**2.500 ml**	**14,53**
18847.x1000	**1.000.000 ml**	**745,52**

Formalin 30 %, low methanol

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Fixation of tissue samples

Formalin 30%, low methanol, is a solution of formaldehyde dissolved water used as a fixative in medicine and science. It preserves biological material by cross-linking proteins and inhibiting enzymatic activities. The low methanol content allows it to be used in sensitive areas and reduces exposure to methanol vapors.

Order-No.:	Amount:	Price:
10071.00100	**100 ml**	**6,02**
10071.00250	**250 ml**	**6,63**
10071.00500	**500 ml**	**10,76**
10071.01000	**1.000 ml**	**13,75**
10071.02500	**2.500 ml**	**18,79**
10071.05000	**5.000 ml**	**28,85**
10071.10000	**10.000 ml**	**53,37**
10071.20000	**20.000 ml**	**78,69**
10071.25000	**25.000 ml**	**91,28**
10071.30000	**30.000 ml**	**103,28**

Formalin 37 %, acid-free, stabilized

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised

Fixation of tissue samples

Formalin 37% acid-free and stabilized is a highly concentrated solution of formaldehyde used for the preparation of histological fixing solutions. The acid-free and stabilized form has the advantage of not damaging tissue structures and not affecting the fixation effect.

Order-No.:	Amount:	Price:
10189.00100	**100 ml**	**5,94**
10189.00250	**250 ml**	**6,47**
10189.00500	**500 ml**	**10,10**
10189.01000	**1.000 ml**	**12,73**
10189.02500	**2.500 ml**	**16,94**
10189.05000	**5.000 ml**	**25,14**
10189.10000	**10.000 ml**	**46,24**
10189.20000	**20.000 ml**	**64,42**
10189.25000	**25.000 ml**	**73,45**
10189.30000	**30.000 ml**	**81,88**

Formalin 37 %, stabilized

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised

Fixation of tissue samples

Formalin 37% is a potent in vitro diagnostic agent and an important component of staining kits such as the Kit: SuSa according to Heidenhain. It is a concentrated formaldehyde solution stabilized with methanol, used in medical diagnostics to cross-link proteins and nucleic acids and to preserve biological samples. This enables detailed microscopic analysis and improved sample preservation.

Order-No.:	Amount:	Price:
15071.00100	**100 ml**	**6,41**
15071.00250	**250 ml**	**8,83**
15071.00500	**500 ml**	**10,83**
15071.01000	**1.000 ml**	**13,28**
15071.02500	**2.500 ml**	**17,31**
15071.05000	**5.000 ml**	**25,47**
15071.10000	**10.000 ml**	**46,46**
15071.20000	**20.000 ml**	**64,46**
15071.25000	**25.000 ml**	**73,39**
		8,75

Formalin 4 % buffered according to Lillie

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium dihydrogen phosphate monohydrate
- Di-sodium hydrogen phosphate dihydrate
- Formaldehyde ~37%, stabilised

fixation of specimen

Formalin 4% buffered according to Lillie is an in vitro diagnostic agent for histology and scientific laboratories. It consists of formaldehyde and buffer substances and is used to fix biological samples, preserve their structure and keep them available for later analysis. This fixation enables the analysis of tissue samples, for example in cancer diagnostics or inflammatory processes.

Order-No.:	Amount:	Price:
12353.00100	**100 ml**	**6,41**
12353.00250	**250 ml**	**7,17**
12353.00500	**500 ml**	**13,47**
12353.01000	**1.000 ml**	**17,01**
12353.02500	**2.500 ml**	**22,62**
12353.05000	**5.000 ml**	**28,16**
12353.10000	**10.000 ml**	**43,25**
12353.20000	**20.000 ml**	**82,07**
12353.25000	**25.000 ml**	**97,13**
12353.30000	**30.000 ml**	**111,83**

Formalin 4 % with EDTA, pH 7.4 (Deicke's solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Formaldehyde ~37%, stabilised
- Di-sodium hydrogen phosphate dihydrate
- Sodium di-hydrogen Phosphat 2-hydrate

Specimen fixation

Formalin 4% with EDTA, also known as Deicke's solution, is a fixing solution and preservative for biological specimens in histology, medical diagnostics and life sciences. It stabilizes cell structures, prevents sample degradation and is particularly suitable for bone tissue preservation.

Order-No.:	Amount:	Price:
14346.00100	**100 ml**	**14,44**
14346.00250	**250 ml**	**15,79**
14346.00500	**500 ml**	**30,20**
14346.01000	**1.000 ml**	**46,74**
14346.02500	**2.500 ml**	**74,91**

01. Fixing agents

Formalin 4 % with eosin

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Eosin Y (C.I.: 45380)

Fixation of tissue samples

Formalin 4% with Eosin is an aqueous solution of stabilized formaldehyde and Eosin G for color labeling of the solution. It is used in histology and cytology to fix tissue and cell samples to preserve their structure. Eosin G has no effect on the fixation process. It is suitable for the fixation of tissue sections and cell preparations.

Order-No.:	Amount:	Price:
12887.00100	100 ml	4,51
12887.00250	250 ml	6,20
12887.00500	500 ml	7,52
12887.01000	1.000 ml	8,90
12887.02500	2.500 ml	13,63
12887.05000	5.000 ml	14,84
12887.10000	10.000 ml	21,13
12887.20000	20.000 ml	31,41

Formalin 4 %, carbonate buffer, pH neutral

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised

Fixation of tissue samples

Formalin 4% in Carbonate Buffer with neutral pH is a histological fixative solution for the preservation of cell and tissue structures. The carbonate buffer has two main functions: to maintain the pH of the solution in the neutral range and to prevent the formation of formalin precipitates. The solution is widely used in histology and pathology and is compatible with various staining techniques.

Order-No.:	Amount:	Price:
10192.00100	100 ml	5,53
10192.00250	250 ml	5,98
10192.00500	500 ml	8,44
10192.01000	1.000 ml	10,48
10192.02500	2.500 ml	13,28
10192.05000	5.000 ml	14,50
10192.10000	10.000 ml	23,23
10192.20000	20.000 ml	30,65
10192.25000	25.000 ml	32,50
10192.30000	30.000 ml	33,90

Formalin 4 %, carbonate buffer, pH neutral (green)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Light Green SF Yellowish (C.I.: 42095)

Fixation of tissue samples

Formalin 4%, carbonate buffer, pH neutral (green) is an in vitro diagnostic agent for histological, histopathological and cytological diagnostics. It fixes and preserves tissue structures by formaldehyde-protein interactions and calcium carbonate buffering. The green staining allows easy identification and the product ensures high quality preservation for microscopic examinations.

Order-No.:	Amount:	Price:
15603.00100	100 ml	7,27
15603.00250	250 ml	7,36
15603.00500	500 ml	11,62
15603.01000	1.000 ml	13,34
15603.02500	2.500 ml	16,15
15603.05000	5.000 ml	22,30
15603.10000	10.000 ml	31,85

Formalin 4 %, phosphate buffer pH 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Di-sodium hydrogen phosphate dihydrate
- Sodium di-hydrogen Phosphat 2-hydrate

Fixation of tissue samples

Formalin 4% is an aqueous solution of formaldehyde, di-sodium hydrogen phosphate dihydrate and sodium di-hydrogen phosphate dihydrate and is used as a fixative for tissue specimens in histology and pathology. It preserves tissue structure by protein denaturation and cross-linking. A combination with the phosphate buffer provides a stable microenvironment and optimal buffering capacity for histological and immunohistochemical studies.

Order-No.:	Amount:	Price:
13184.00100	100 ml	5,60
13184.00250	250 ml	6,12
13184.00500	500 ml	9,04
13184.01000	1.000 ml	11,42
13184.02500	2.500 ml	14,97
13184.05000	5.000 ml	17,03
13184.10000	10.000 ml	27,13
13184.20000	20.000 ml	40,40
13184.25000	25.000 ml	44,69
13184.30000	30.000 ml	48,53

Formalin 4.0 %, low methanol, buffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Dinatriumhydrogenorthophosphat
- Sodium di-hydrogen Phosphat 2-hydrate

fixation of specimen

The low methanol formalin solution with 4% formaldehyde content is suitable for applications where methanol interferes, such as enzyme histochemical studies. It contains less than 0.15% methanol and should not be stored below 15°C. Penetration is approximately 10mm in 12 hours.

Order-No.:	Amount:	Price:
11825.00100	100 ml	5,60
11825.00250	250 ml	6,12
11825.00500	500 ml	9,04
11825.01000	1.000 ml	11,42
11825.02500	2.500 ml	14,97
11825.05000	5.000 ml	17,03
11825.10000	10.000 ml	31,73
11825.20000	20.000 ml	40,42
11825.25000	25.000 ml	44,71

Formalin 5 %, phosphate buffer, pH neutral

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Sodium di-hydrogen Phosphat 2-hydrate

fixation of specimen

Formalin 5%, phosphate buffer, pH neutral is used as an in vitro diagnostic agent in histology and laboratories to fix tissue samples. It consists of aqua bidest or ultrapure water, formaldehyde, and two phosphates, which serve as a buffer system to ensure the pH stability of the solution.
.

Order-No.:	Amount:	Price:
19270.00100	100 ml	5,60
19270.00250	250 ml	6,13
19270.00500	500 ml	9,08
19270.01000	1.000 ml	11,48
19270.02500	2.500 ml	15,08
19270.05000	5.000 ml	21,69
19270.10000	10.000 ml	32,06
19270.20000	20.000 ml	41,08
19270.25000	25.000 ml	45,53
19270.30000	30.000 ml	49,54

Formalin-acetone fixing mixture

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetone
- Propionaldehyde
- Formaldehyde ~37%, stabilised
- Propan-1,2-diol

fixation of smear

Formalin-acetone fixative mixture is a solution used in histology, medical diagnostics and laboratories. It consists of acetone, propionaldehyde, formaldehyde and propylene glycol, which together help to fix and preserve tissue specimens and provide detailed images for disease diagnosis.
.

Order-No.:	Amount:	Price:
17897.00100	100 ml	21,58
17897.00250	250 ml	40,64
17897.00500	500 ml	100,18
17897.01000	1.000 ml	128,83
17897.02500	2.500 ml	284,92

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01. Fixing agents

Formalin-free fixative F13

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Methyl alcohol
- Polyglykolaether
- Aqua dest. / pure water

Fixation of tissue samples

Formalin-free Fixative F13 is an alternative solution for tissue preservation in histology and medical diagnostics, useful in situations where formalin is undesirable. It allows adequate tissue structure preservation and is compatible with common staining and immunohistochemistry procedures.

Order-No.:	Amount:	Price:
14000.00100	100 ml	16,02
14000.00250	250 ml	19,96
14000.00500	500 ml	23,76
14000.01000	1.000 ml	38,62
14000.02500	2.500 ml	72,85

Formaline 10 %, buffered & stabilized

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Aqua dest. / pure water

Fixation of tissue samples

Formalin 10% with carbonate buffer is a common fixing solution in histology and pathology. It contains 10% formaldehyde and a carbonate buffer that keeps the pH neutral. This solution is used to fix tissue specimens to preserve and stabilize their structure, resulting in better morphology preservation and staining properties.

Order-No.:	Amount:	Price:
10195.00100	100 ml	5,84
10195.00250	250 ml	6,24
10195.00500	500 ml	9,11
10195.01000	1.000 ml	11,18
10195.02500	2.500 ml	14,15
10195.05000	5.000 ml	14,83
10195.10000	10.000 ml	22,13
10195.20000	20.000 ml	25,86
10195.25000	25.000 ml	27,69
10195.60000	60.000 ml	70,15

Formaline 12 %, buffered pH 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Di-sodium hydrogen phosphate dihydrate
- Sodium di-hydrogen Phosphat 2-hydrate

Fixation of tissue samples

Formalin 12%, Phosphate Buffer, pH 7.4 is a highly concentrated fixative solution used in histology and cell biology for the preservation of tissue specimens and cells. The increased concentration of 12% formalin allows for faster and more effective fixation. The phosphate buffer provides an optimal pH of 7.4, which supports fixation reactions and ensures uniform fixation.

Order-No.:	Amount:	Price:
13294.00100	100 ml	7,28
13294.00250	250 ml	7,38
13294.00500	500 ml	11,74
13294.01000	1.000 ml	13,53
13294.02500	2.500 ml	16,49
13294.05000	5.000 ml	18,18
13294.10000	10.000 ml	32,84

Formaline 4 %, unbuffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised

Fixation of tissue samples

Formalin 4%, unbuffered, is a 4% formaldehyde solution used in histology and pathology as a fixative. It stabilizes cellular structures and prevents cell decay and autolysis. Unbuffered formalin can lead to more acidic conditions, so buffered formalin is often preferred, which stabilizes pH and provides better fixation.

Order-No.:	Amount:	Price:
11711.00100	100 ml	6,28
11711.00250	250 ml	7,30
11711.00500	500 ml	8,10
11711.01000	1.000 ml	9,30
11711.02500	2.500 ml	13,91
11711.05000	5.000 ml	18,66
11711.10000	10.000 ml	33,34
11711.20000	20.000 ml	38,22
11711.25000	25.000 ml	40,59

Formaline 4,5 %, neutral buffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Aqua dest. / pure water

Fixation of tissue samples

Formalin 4.5 %, carbonate buffer, pH neutral is a ready-to-use solution used as a routine fixative in histology. It consists of calcium carbonate (marble), stabilized formaldehyde and aqua dist./VE water. The solution is suitable for in vitro diagnostics and is used in scientific laboratories. Tissue samples are fixed by reaction of formaldehyde with proteins, which stabilizes cell structures.

Order-No.:	Amount:	Price:
11613.00100	100 ml	6,75
11613.00250	250 ml	6,90
11613.00500	500 ml	10,41
11613.01000	1.000 ml	12,03
11613.02500	2.500 ml	14,43
11613.05000	5.000 ml	15,40
11613.10000	10.000 ml	23,98
11613.20000	20.000 ml	31,74
11613.25000	25.000 ml	33,66

Formaline 6 %, neutral buffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Aqua dest. / pure water

Fixation of tissue samples

Formalin 6% Carbonate Buffer is a pH neutral solution containing 6% formaldehyde and calcium carbonate. It is used as a fixative in histology, in vitro diagnostics and scientific laboratories. The solution enables well-preserved tissue samples for accurate examination and research in various fields.

Order-No.:	Amount:	Price:
11610.00100	100 ml	7,23
11610.00250	250 ml	7,26
11610.00500	500 ml	11,21
11610.01000	1.000 ml	12,71
11610.02500	2.500 ml	15,00
11610.05000	5.000 ml	15,95
11610.10000	10.000 ml	28,54
11610.20000	20.000 ml	32,94
11610.25000	25.000 ml	35,09

Formaline 7,5 %, buffered pH 7.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Sodium di-hydrogen Phosphat 2-hydrate
- Formaldehyde ~37%, stabilised

Fixation of tissue samples

Formalin 7.5% Phosphate Buffer pH 7.0 solution is a ready-to-use solution for histology and scientific laboratories, consisting of formaldehyde, di-sodium hydrogen phosphate dihydrate, sodium di-hydrogen phosphate dihydrate and water. It serves as a fixative to stabilize and preserve tissue specimens and allows detailed microscopic examination. The phosphates stabilize the pH to about 7.0, which ensures optimal preservation of tissue structures.

Order-No.:	Amount:	Price:
18727.00100	100 ml	5,97
18727.00250	250 ml	6,52
18727.00500	500 ml	10,30
18727.01000	1.000 ml	13,04
18727.02500	2.500 ml	17,51
18727.05000	5.000 ml	20,65
18727.10000	10.000 ml	38,52
18727.20000	20.000 ml	53,80
18727.25000	25.000 ml	61,39

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01. Fixing agents

Formaline 7.5 %, neutral buffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised

Fixation of tissue samples

Formalin 7.5 %, carbonate buffer, pH neutral is an in vitro diagnostic agent for the fixation of tissue samples. It provides excellent morphology and antigen preservation by methylene bridging. The solution has a neutral pH (~7.0), which ensures controlled fixation and minimal distortion. Users can expect accurate histological examination through excellent cell and tissue preparation.

Order-No.:	Amount:	Price:
15946.00100	**100 ml**	**7,23**
15946.00250	**250 ml**	**7,27**
15946.00500	**500 ml**	**11,27**
15946.01000	**1.000 ml**	**12,79**
15946.02500	**2.500 ml**	**15,16**
15946.05000	**5.000 ml**	**20,32**
15946.10000	**10.000 ml**	**28,99**

Formaline-Acetic Acid Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Acetic acid 99%

Fixation of tissue samples

Formalin glacial acetic acid fixative is a solution used in medical diagnostics, histology and scientific laboratories for the preservation and fixation of biological samples such as tissues and cells. It consists of formaldehyde and acetic acid, which stabilize protein structures and prevent shrinkage and post-mortem autolysis to preserve the natural structure of the samples.

Order-No.:	Amount:	Price:
17277.00250	**250 ml**	**17,82**
17277.00500	**500 ml**	**24,35**
17277.01000	**1.000 ml**	**30,03**
17277.02500	**2.500 ml**	**52,99**
17277.05000	**5.000 ml**	**84,58**

Formaline-free Zinc Fixative (for IHC)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Calcium acetate
- acetic acid ; zinc (II)-compound
- Zinc chloride
- TRIS
- Hydrochloric Acid 1.0 mol/l

Fixation of tissue samples

Formalin-free zinc fixative offers high tissue quality and antigen preservation in immunohistochemistry. It reduces health risks by avoiding formalin and is suitable for applications with high morphological and molecular preservation requirements.

Order-No.:	Amount:	Price:
14064.00100	**100 ml**	**24,99**
14064.00250	**250 ml**	**26,99**
14064.00500	**500 ml**	**27,48**
14064.01000	**1.000 ml**	**48,30**
14064.02500	**2.500 ml**	**89,75**

FREIBURG's Fixation

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Glutaraldehyde 25%
- Calcium acetate

Fixation of tissue samples

The Freiburg solution is a fixing solution for electron microscopy and transmitted light microscopy with histological staining. It consists of Aqua bidest, formaldehyde, glutardialdehyde and calcium acetate x-hydrate and enables optimal fixation of tissue and cell structures.

Order-No.:	Amount:	Price:
13090.00100	**100 ml**	**27,17**
13090.00250	**250 ml**	**37,19**
13090.00500	**500 ml**	**56,32**
13090.01000	**1.000 ml**	**74,57**

Glutaraldehyde 0.65 %, aqueous

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Glutaraldehyde 25%
-
-

Fixation for electron microscopy

Glutaraldehyde 0.65% is an efficient in vitro diagnostic agent used in medical and biological research to fix and stabilize tissue and cell samples. It allows precise visualization of samples, while magnesium chloride hexahydrate provides ions and HEPES as a buffer ensures a stable pH environment.

Order-No.:	Amount:	Price:
15704.00100	**100 ml**	**28,00**
15704.00250	**250 ml**	**38,05**
15704.00500	**500 ml**	**45,96**
15704.01000	**1.000 ml**	**53,17**
15704.02500	**2.500 ml**	**102,48**

Glutaraldehyde 2.5 %, in Sodium Chloride 0.9 %

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Glutaraldehyde 25%
- Sodium Chloride 0.9 %

Fixation for electron microscopy

Glutaraldehyde 2.5% in NaCl 0.9% is a versatile in vitro diagnostic agent used to fix tissue samples. It effectively cross-links proteins and nucleic acids, preserves their structure and enables precise, reproducible results in histological analyses.

Order-No.:	Amount:	Price:
15756.00100	**100 ml**	**45,93**
15756.00250	**250 ml**	**58,23**
15756.00500	**500 ml**	**63,33**
15756.01000	**1.000 ml**	**115,47**
15756.02500	**2.500 ml**	**245,41**

Glutaraldehyde 25 %

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Glutaraldehyde 25%

Fixation for electron microscopy

Glutaraldehyde 25% is a versatile product used in fields such as medical diagnostics, histology, metallography and scientific laboratories. It serves as a fixative for tissue samples, preservation of tissue sections, examination of metal structures and sterilization of laboratory equipment, contributing to more precise results in various scientific disciplines.

Order-No.:	Amount:	Price:
17319.00100	**100 ml**	**21,44**
17319.00250	**250 ml**	**28,12**
17319.00500	**500 ml**	**52,36**
17319.01000	**1.000 ml**	**94,85**
17319.02500	**2.500 ml**	**206,59**

Glutaraldehyde 3 %

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Glutaraldehyde 25%

Fixation for electron microscopy

Glutaraldehyde is a 3% solution widely used in research and medicine, especially in histology and cytology. It serves as an effective fixative for preservation of biological tissue specimens and provides lower toxicity than higher concentrated solutions.

Order-No.:	Amount:	Price:
12389.00100	**100 ml**	**30,51**
12389.00250	**250 ml**	**45,24**
12389.00500	**500 ml**	**63,19**
12389.01000	**1.000 ml**	**81,94**

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01. Fixing agents

Glutaraldehyde 3 %, Cacodylatebuffer

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Cacodylic acid sodium salt trihydrate
- Hydrochloric Acid 37%
- Glutaraldehyde 25%

Fixation for electron microscopy

Glutaraldehyde 3% solution in cacodylate buffer is a fixing solution for electron microscopy and histology. It enables effective fixation of tissue specimens by cross-linking proteins and cellular components. The cacodylate buffer stabilizes the pH and ensures optimal fixation without compromising image quality.

Order-No.:	Amount:	Price:
12033.00100	**100 ml**	**69,18**
12033.00250	**250 ml**	**141,12**
12033.00500	**500 ml**	**238,58**
12033.01000	**1.000 ml**	**459,22**

Glutaraldehyde 3.9 %, in SOERENSEN's Buffer

Lagerung: *4 … 8 °C*

Relevant Incredients:
- SOERENSEN's Buffer pH 7.0
- Glutaraldehyde 25%

Fixation for electron microscopy

Glutaraldehyde 3.9% in Sörensen Buffer is a specialized solution for fixing tissue specimens in histology and cytology. It stabilizes proteins and biological structures and preserves cellular fine structures for electron microscopic studies. The Sörensen buffer provides a stable pH and minimizes artifacts. The solution is mainly used in transmission electron microscopy and is also suitable for light microscopy and immunohistochemistry.

Order-No.:	Amount:	Price:
12131.00100	**100 ml**	**31,45**
12131.00250	**250 ml**	**47,96**
12131.00500	**500 ml**	**61,42**
12131.01000	**1.000 ml**	**92,82**

Glutaraldehyde 6.25 %, in SOERENSEN's Buffer pH 7.4

Lagerung: *4 … 8 °C*

Relevant Incredients:
- SOERENSEN's Buffer / PBS Buffer Stock Solution A
- SOERENSEN's Buffer / PBS Buffer Stock Solution B
- Glutaraldehyde 25%

Fixation for electron microscopy

Glutaraldehyde 6.25 % in SÖRENSEN Buffer pH 7.4 is an important solution for medical and scientific laboratories. It is used to fix tissue samples in histology and to sterilize medical instruments. The solution consists of glutaraldehyde and SÖRENSEN buffer, which stabilizes the pH value.

Order-No.:	Amount:	Price:
17100.00100	**100 ml**	**41,94**
17100.00250	**250 ml**	**56,54**
17100.00500	**500 ml**	**83,58**
17100.01000	**1.000 ml**	**127,14**
17100.02500	**2.500 ml**	**278,17**

Glutaraldehyde fixative solution, pH 7,2

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Sodium chloride
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate
- Glutaraldehyde 25%

Fixation for electron microscopy

Due to its composition, the glutaraldehyde fixing solution is suitable for fixing cell and tissue samples at physiological pH. The substances contained ensure effective fixation and preservation of the sample structure during further analytical procedures.

Order-No.:	Amount:	Price:
13166.00250	**250 ml**	**35,07**
13166.00500	**500 ml**	**42,12**
13166.01000	**1.000 ml**	**78,13**

Glutaraldehyde fixing solution according to KARNOVSKY

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Paraformaldehyde
- Glutaraldehyde 25%
- Hydrochloric Acid 37%
- Cacodylic acid sodium salt trihydrate

Fixation for electron microscopy

Karnovsky fixative solution is a commonly used method for preserving cells and tissue structures for electron microscopy and light microscopy. It enables precise visualization of intracellular structures and provides stability for experimental and diagnostic applications.

Order-No.:	Amount:	Price:
10204.00100	**100 ml**	**43,44**
10204.00250	**250 ml**	**59,10**
10204.00500	**500 ml**	**88,57**
10204.01000	**1.000 ml**	**170,50**

Glutraldehyde Formaldehyde Cacodylate Buffer for EM

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Paraformaldehyde
- Glutaraldehyde 25%
- Cacodylic acid sodium salt trihydrate
- D(+)-Saccharose

Fixation for electron microscopy

Glutaraldehyde-formaldehyde-cacodylate buffer is a fixing solution for electron microscopy in in vitro diagnostics, histology and scientific laboratories. It consists of paraformaldehyde, glutaraldehyde, sodium cacodylate trihydrate and D(+)-sucrose and preserves cell structures and proteins in histological and biological specimens.

Order-No.:	Amount:	Price:
13177.00100	**100 ml**	**53,58**
13177.00250	**250 ml**	**96,27**
13177.00500	**500 ml**	**179,74**
13177.01000	**1.000 ml**	**279,79**

JORES fixing solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Karlsbader Salt, synthetic
- Formaldehyde ~37%, stabilised
- Chloral hydrate

Fixation of anatomical preparations

The Jores Fixing Solution is ideal for color-preserving fixation of anatomical specimens. It preserves the natural color of organs and muscles when they are post-treated with ethanol and preserved in the Jores preservation solution. The solution consists of Carlsbad salt, formaldehyde and chloral hydrate.

Order-No.:	Amount:	Price:
10243.00100	**100 ml**	**18,81**
10243.00250	**250 ml**	**20,81**
10243.00500	**500 ml**	**27,72**
10243.01000	**1.000 ml**	**42,00**
10243.02500	**2.500 ml**	**80,66**
10243.05000	**5.000 ml**	**139,91**
10243.10000	**10.000 ml**	**256,89**
10243.20000	**20.000 ml**	**378,11**
10243.25000	**25.000 ml**	**438,63**

JORES storage solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetat
- Glycerol

Fixation of anatomical preparations

Jores preservation solution, consisting of glycerol, sodium acetate and water, is used in histology and anatomy to preserve fixed specimens over the long term. It preserves the natural color of organs and muscles and protects against chemical changes or decay.

Order-No.:	Amount:	Price:
10240.00250	**250 ml**	**33,98**
10240.00500	**500 ml**	**42,88**
10240.01000	**1.000 ml**	**79,06**
10240.02500	**2.500 ml**	**164,14**
10240.05000	**5.000 ml**	**299,58**
10240.10000	**10.000 ml**	**568,69**
10240.20000	**20.000 ml**	**948,03**
10240.25000	**25.000 ml**	**1137,57**

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01. Fixing agents

KAISERLING's Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Potassium nitrate
- Potassium acetate

Fixation of anatomical preparations

Kaiserling Fixing Solution is a histological solution for preservation and stabilization of tissue specimens, developed by Carl Kaiserling. It consists of formaldehyde, potassium nitrate and potassium acetate in water and allows good preservation of tissue morphology and color, especially in melanoma or pigment cells. However, it may be unsuitable for certain staining and immunohistochemistry applications. Proper contact time and component ratios are important for optimal results.

Order-No.:	Amount:	Price:
10249.00100	**100 ml**	**18,17**
10249.00250	**250 ml**	**19,06**
10249.00500	**500 ml**	**28,98**
10249.01000	**1.000 ml**	**35,00**
10249.02500	**2.500 ml**	**65,27**
10249.05000	**5.000 ml**	**111,64**
10249.10000	**10.000 ml**	**206,48**
10249.20000	**20.000 ml**	**287,28**
10249.25000	**25.000 ml**	**327,59**
10249.30000	**30.000 ml**	**367,07**

KAISERLING's Storage Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium acetate
- Glycerol
- Phenol

Fixation of anatomical preparations

Kaiserling Storage Solution is an anatomical solution for long-term storage of fixed organ and tissue specimens to preserve morphology and color. It consists of glycerol, potassium acetate, phenol and water.

Order-No.:	Amount:	Price:
10246.00250	**250 ml**	**23,19**
10246.00500	**500 ml**	**30,01**
10246.01000	**1.000 ml**	**55,28**
10246.02500	**2.500 ml**	**113,10**
10246.05000	**5.000 ml**	**205,95**
10246.10000	**10.000 ml**	**386,54**
10246.20000	**20.000 ml**	**638,53**
10246.25000	**25.000 ml**	**764,43**

Mercury(II) Chloride Solution, aqueous saturated

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Mercury(II) chloride

Fixation of tissue samples

A saturated aqueous sublimate solution is a solution of toxic mercury(II) chloride in water. In histology, it is used as a base for preparing fixatives to preserve proteins in tissue specimens. Despite toxicity and environmental impact, it is used in areas such as testicular biopsies, nervous tissue, parasitology, and cilia/flagella due to good results.

Order-No.:	Amount:	Price:
10390.00250	**250 ml**	**93,03**
10390.00500	**500 ml**	**151,99**
10390.01000	**1.000 ml**	**291,22**

Merthiolate Formaline Solution

Lagerung:

Relevant Incredients:
- Mercurate(1-), ethyl[2-mercaptobenzoato(2-)-O,S]-, sodium
- Formaldehyde ~37%, stabilised
- Glycerol
- Eosin Y (C.I.: 45380)

Staining and fixation of stool samples

Merthiolate Formalin Solution is an essential component of the MIF-Color staining kit for staining and fixing stool samples for parasite detection. It rapidly penetrates tissue samples and causes cross-linking of proteins, preserving proteins and cellular organelles. Optimization of fixation protocols in terms of time and temperature is critical to avoid inaccurate results.

Order-No.:	Amount:	Price:
16022.00100	**100 ml**	**22,47**
16022.00250	**250 ml**	**34,09**
16022.00500	**500 ml**	**47,62**
16022.01000	**1.000 ml**	**59,20**
16022.02500	**2.500 ml**	**117,20**

MorDIFF-Quick Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Fast Green FCF (C.I.: 42053)

Fixation of swab specimens

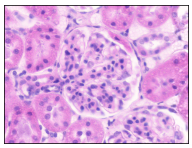
MorDIFF-Quick Fixative is an essential component of the MorDIFF-Quick rapid staining kit for fixing cells in blood and smear preparations. Methanol preserves cellular structures and prepares them for staining, while true green FCF provides visual contrast. The fixative enables precise microscopic examination and diagnosis.

Order-No.:	Amount:	Price:
15583.00100	**100 ml**	**32,57**
15583.00250	**250 ml**	**44,15**
15583.00500	**500 ml**	**51,30**
15583.01000	**1.000 ml**	**66,91**
15583.02500	**2.500 ml**	**125,66**
15583.05000	**5.000 ml**	**207,20**

MorFFFix® (Formaline Substitute)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methenamine
- Citric acid
- Sodium chloride
- Dimethyl sulfoxide (DMSO)



Fixation of tissue samples

MorFFFix® is a safe and powerful alternative to formalin for the fixation and preservation of biological specimens in histology and medical diagnostics. It provides excellent tissue preservation and fixation without the toxic and harmful properties of formalin. It has an aldehyde-alcohol composition for efficient protein cross-linking and preservation of cell morphology and structure.

Order-No.:	Amount:	Price:
13616.00100	**100 ml**	**15,16**
13616.00250	**250 ml**	**20,79**
13616.00500	**500 ml**	**38,23**
13616.01000	**1.000 ml**	**45,45**
13616.02500	**2.500 ml**	**91,08**
13616.05000	**5.000 ml**	**166,34**
13616.10000	**10.000 ml**	**318,07**
13616.20000	**20.000 ml**	**566,03**
13616.25000	**25.000 ml**	**689,92**

MUELLER's Stock Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dichromate
- Sodium sulfate

Fixation of tissue samples

MÜLLER stock solution is a combination of potassium dichromate and sodium sulfate used in histology and medical diagnostics to fix tissue samples. It preserves the natural structure of proteins and enables high-resolution preparations for accurate testing.

Order-No.:	Amount:	Price:
10276.00100	**100 ml**	**40,71**
10276.00250	**250 ml**	**44,03**
10276.00500	**500 ml**	**68,98**
10276.01000	**1.000 ml**	**92,73**

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01. Fixing agents

Paraformaldehyde (PFA) 10%

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Paraformaldehyde
- Sodium Hydroxide / Caustic Soda 0.1 mol/l (~ 0.4 %)

Fixation of tissue samples

Paraformaldehyde (PFA) 10 % is a fixing solution used in biology, histology and cell biology. It fixes cells and tissues by cross-linking proteins and nucleic acids to maintain cellular structure. However, PFA can also cause increased tissue hardness, making it difficult for antibodies to penetrate.

Order-No.:	Amount:	Price:
11380.00250	**250 ml**	**40,30**
11380.00500	**500 ml**	**48,13**
11380.01000	**1.000 ml**	**75,72**

Paraformaldehyde (PFA) 4 %, in Glutaraldehyde 0.5 % & PBS pH 7.4

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Paraformaldehyde
- Glutaraldehyde 25%
- PBS Buffer pH 7.4 - 10x concentrate

Fixation for electron microscopy

Paraformaldehyde (PFA) 4 % Glutaraldehyde 0.5 % PBS pH 7.4 is a specially developed fixing solution for histology, cytology, electron microscopy and molecular biology. The combination of paraformaldehyde and glutaraldehyde allows efficient and stable fixation of cells and tissues with optimal morphology and antigen preservation.

Order-No.:	Amount:	Price:
12743.00100	**100 ml**	**36,18**
12743.00250	**250 ml**	**46,25**
12743.00500	**500 ml**	**50,54**
12743.01000	**1.000 ml**	**79,73**

Paraformaldehyde (PFA) 4 %, in PBS pH 11.0

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Sodium chloride
- Paraformaldehyde

Fixation of tissue samples

PFA 4% in PBS pH 11.0 is a fixative solution suitable for immunohistochemistry of dense or thick tissue sections, as the alkaline environment reduces cross-linking and fixation of tissue, improving antibody penetration and binding sensitivity. The solution contains a 4% polymer of formaldehyde in a phosphate-buffered saline with a pH of 11.0 and should be carefully validated and optimized for specific experiments to avoid adverse effects on tissue morphology and antibody sensitivity.

Order-No.:	Amount:	Price:
13562.00100	**100 ml**	**35,64**
13562.00250	**250 ml**	**43,43**
13562.00500	**500 ml**	**62,57**
13562.01000	**1.000 ml**	**81,13**

Paraformaldehyde (PFA) 4 %, in PBS pH 7.2

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Paraformaldehyde
- Caustic soda 4 %
- PBS Buffer pH 7.2 - 10x concentrate

Fixation of tissue samples

Paraformaldehyde (PFA) 4% in PBS is a fixative solution used in histology and cell biology. It enables fixation of cells and tissues by cross-linking proteins and nucleic acids and preserving cellular structure. The use of PFA in PBS stabilizes pH and ionic strength, which helps to better preserve natural properties. PFA fixation is used in immunohistochemistry, in situ hybridization and electron microscopy.

Order-No.:	Amount:	Price:
10303.00250	**250 ml**	**40,15**
10303.00500	**500 ml**	**49,32**
10303.01000	**1.000 ml**	**75,13**
10303.05000	**5.000 ml**	**195,97**

Paraformaldehyde (PFA) 4 %, in PBS pH 7.4

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Paraformaldehyde
- PBS Buffer pH 7.4 - 10x concentrate

Fixation of tissue samples

A 4% paraformaldehyde solution (PFA) in phosphate-buffered saline (PBS) with a pH of 7.4 is a common fixative in biological and histological studies. It preserves cellular structure and morphology, stabilizes pH, and is used in applications such as immunohistochemistry, electron microscopy, and fluorescence microscopy.

Order-No.:	Amount:	Price:
11762.00100	**100 ml**	**25,73**
11762.00250	**250 ml**	**38,19**
11762.00500	**500 ml**	**53,41**
11762.01000	**1.000 ml**	**72,26**
11762.02500	**2.500 ml**	**139,18**
11762.05000	**5.000 ml**	**229,01**

Paraformaldehyde (PFA) 8 %, in PBS pH 7.2

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Paraformaldehyde
- PBS Buffer pH 7.2 - 10x concentrate
- Sodium hydroxide solution / NaOH 1.0 mol/l

Fixation of tissue samples

An 8% paraformaldehyde solution (PFA) in phosphate-buffered saline (PBS) with a pH of 7.2 is used as a fixative solution in biological and histological studies. It preserves cellular structures and morphology by cross-linking proteins and nucleic acids. Applications include immunohistochemistry, electron microscopy and fluorescence microscopy.

Order-No.:	Amount:	Price:
12457.00100	**100 ml**	**24,11**
12457.00250	**250 ml**	**39,52**
12457.00500	**500 ml**	**48,75**
12457.01000	**1.000 ml**	**73,63**
12457.02500	**2.500 ml**	**140,27**

Picric acid sublimate solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric acid (C.I.: 10305)
- Mercury(II) chloride

Fixation of tissue samples

The picric acid sublimate mixture is a fixative solution in in vitro diagnostics that preserves tissue samples and prepares them for histological studies. It fixes protein structures, prevents cell alteration and tissue degradation, and enables more accurate analyses of cell structures and morphology for diagnosis and cell biology research. The solution combines picric acid, sublimate and water for effective tissue fixation.

Order-No.:	Amount:	Price:
18480.00100	**100 ml**	**61,94**
18480.00250	**250 ml**	**91,25**
18480.00500	**500 ml**	**140,24**
18480.01000	**1.000 ml**	**274,09**

01. Fixing agents

ROSSMANN's Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated in Ethanol
- Formaldehyde ~37%, stabilised

Fixation of swab specimens

ROSSMAN fixative, consisting of alcohol-saturated picric acid and stabilized formaldehyde, is used in in vitro diagnostics, especially in histology. It preserves and solidifies biological tissues for microscopic examination and enables high morphological detail, essential for accurate histological or cytological diagnostics.

Order-No.:	Amount:	Price:
14767.00100	**100 ml**	**35,96**
14767.00250	**250 ml**	**43,65**
14767.00500	**500 ml**	**66,66**
14767.01000	**1.000 ml**	**124,18**
14767.02500	**2.500 ml**	**271,06**

SACCOMANNO's Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Polyethylene Glycol (PEG)
- Rifampicin

Fixation of swab specimens

The SACCOMANNO Fixing Solution fixes and preserves cell samples, especially from the respiratory tract, for cytological examination and is therefore important in the diagnosis of respiratory diseases. The solution consists of ethanol, water, polyethylene glycol and rifampicin, enables effective cell preservation and the DNA remains accessible for molecular biological investigations.

Order-No.:	Amount:	Price:
13881.00100	**100 ml**	**21,97**
13881.00250	**250 ml**	**34,49**
13881.00500	**500 ml**	**42,97**
13881.01000	**1.000 ml**	**78,29**
13881.02500	**2.500 ml**	**160,99**

SAF Stock Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Acetic acid 99%
- Sodium acetat

Fixation of tissue samples

SAF stock solution is a fixing solution of sodium acetate, glacial acetic acid and formalin used in histology and cell biology for the preservation and stabilization of tissue samples. It preserves the morphology and structure of cells and tissues and enables precise histological and cell biological analysis.

Order-No.:	Amount:	Price:
12401.00100	**100 ml**	**17,81**
12401.00250	**250 ml**	**17,94**
12401.00500	**500 ml**	**24,74**
12401.01000	**1.000 ml**	**30,53**

SCHAFFER's Fixative (buffered Formaline & Methanol)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Formaldehyde ~37%, stabilised
- Potassium dihydrogen phosphate
- D(+)-Glucose monohydrate
- Di-sodium hydrogen phosphate dihydrate
- Aqua bidest / purified water

Fixation of tissue samples

SCHAFFER solution, also called formalin-methanol-K-Na-Ph buffer, is a fixing solution in histology and cytology. It consists of formalin, methanol and a potassium sodium phosphate buffer, which preserve the structure of tissue samples, remove water and keep pH values stable. It enables efficient fixation and preparation of tissue specimens for examination.

Order-No.:	Amount:	Price:
12121.00100	**100 ml**	**17,64**
12121.00250	**250 ml**	**20,61**
12121.00500	**500 ml**	**29,03**
12121.01000	**1.000 ml**	**35,69**
12121.02500	**2.500 ml**	**64,35**
12121.05000	**5.000 ml**	**104,84**
12121.10000	**10.000 ml**	**187,75**

SCHAFFER's Fixative (Formaline Ethanol)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Formaldehyde ~37%, stabilised

Fixation of tissue samples

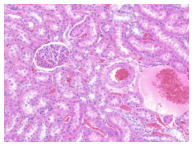
Schaffer's solution, also called formalin-ethanol solution, is a fixing solution in histology and pathology for the preservation of tissue specimens. It consists of formalin, which cross-links proteins and nucleic acids, and ethanol, which acts as a co-fixative and dehydrating agent. The solution allows detailed examination of cellular and extracellular structures.

Order-No.:	Amount:	Price:
12427.00100	**100 ml**	**15,64**
12427.00250	**250 ml**	**17,63**
12427.00500	**500 ml**	**22,03**
12427.01000	**1.000 ml**	**33,03**
12427.02500	**2.500 ml**	**61,66**

SCHAFFER's Fixative (Formaline Ethanol) pH 7.2 - 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Ethyl alcohol
- Aqua dest. / pure water



Fixation of tissue samples

SCHAFFER solution (formalin-ethanol) is a single chemical solution for medical diagnostics, histology and laboratories. It preserves and fixes biological material such as tissue samples, maintains their structure and enables precise analyses. Its use provides reliable and reproducible results.

Order-No.:	Amount:	Price:
16914.00100	**100 ml**	**24,84**
16914.00250	**250 ml**	**27,80**
16914.00500	**500 ml**	**40,42**
16914.01000	**1.000 ml**	**50,31**
16914.02500	**2.500 ml**	**94,52**
16914.05000	**5.000 ml**	**193,68**
16914.10000	**10.000 ml**	**356,20**
16914.20000	**20.000 ml**	**520,80**
16914.25000	**25.000 ml**	**571,03**
16914.30000	**30.000 ml**	**619,32**

SCHAFFER's Fixative (Glutaraldehyd & Formaline)

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Glutaraldehyde 25%
- Calcium acetate

Fixation for electron microscopy

Schaffer's solution, also called glutaraldehyde-formol solution, is a fixing solution of glutaraldehyde and formaldehyde in a buffer used in histology and electron microscopy to fix cell structures. It provides improved fixation, good preservation of fine cellular details and should be used at room temperature or in a refrigerator.

Order-No.:	Amount:	Price:
11401.00100	**100 ml**	**31,01**
11401.00250	**250 ml**	**41,29**
11401.00500	**500 ml**	**50,94**
11401.01000	**1.000 ml**	**66,14**
11401.02500	**2.500 ml**	**133,29**

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01. Fixing agents

SCHAFFER's Fixative (NaPh-buffered Formaline & Methanol)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Formaldehyde ~37%, stabilised
- D(+)-Glucose monohydrate
- Sodium dihydrogen phosphate monohydrate
- Di-sodium hydrogen phosphate dihydrate
- Aqua bidest / purified water

Fixation of tissue samples

SCHAFFER solution is an in vitro diagnostic agent mainly used in pathology to fix tissue preparations. It preserves tissue structure, prepares specimens for histological examination and helps improve diagnostic accuracy.

Order-No.:	Amount:	Price:
15201.00100	**100 ml**	**23,28**
15201.00250	**250 ml**	**32,29**
15201.00500	**500 ml**	**40,49**
15201.01000	**1.000 ml**	**50,76**
15201.02500	**2.500 ml**	**97,15**
15201.05000	**5.000 ml**	**164,70**

SCHAUDINN's Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Mercury(II) Chloride Solution, aqueous saturated
- Ethyl alcohol

Fixation of tissue samples

SCHAUDINN Fixing Solution is a reliable and effective fixative for histological and pathological examinations that preserves the structure and morphology of tissue specimens and enables precise analysis. It consists of a combination of aqueous sublimate solution and denatured ethanol, which enables fast and effective fixation of specimens.

Order-No.:	Amount:	Price:
10381.00250	**250 ml**	**62,50**
10381.00500	**500 ml**	**102,14**
10381.01000	**1.000 ml**	**195,38**

Sodium Carbonate Formaline after KOSSA

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Sodium carbonate anhydrous

Fixation of tissue samples

Sodium carbonate formalin according to KOSSA is an important solution in medical and scientific laboratories and is often used to fix tissue samples. It consists of formaldehyde and sodium carbonate, the former cross-linking proteins and the latter maintaining a stable pH. The solution enables accurate histological examination and visualization of calcium deposits in tissues.

Order-No.:	Amount:	Price:
17108.00100	**100 ml**	**18,36**
17108.00250	**250 ml**	**19,50**
17108.00500	**500 ml**	**29,66**
17108.01000	**1.000 ml**	**36,77**
17108.02500	**2.500 ml**	**68,58**
17108.05000	**5.000 ml**	**115,75**
17108.10000	**10.000 ml**	**166,78**

Special Fixative for Anatomical Specimens

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Diethylene glycol
-

Fixation of tissue samples

The Special Fixative for Anatomy & Histology is a fixative solution for histological preparation of tissue specimens. It contains formaldehyde, diethylene glycol and calcium carbonate as main components and enables reliable fixation and preservation of cell structures and morphological details for subsequent examinations and staining techniques.

Order-No.:	Amount:	Price:
12004.00250	**250 ml**	**15,78**
12004.00500	**500 ml**	**24,88**
12004.01000	**1.000 ml**	**31,10**
12004.02500	**2.500 ml**	**57,98**
12004.05000	**5.000 ml**	**98,65**
12004.10000	**10.000 ml**	**177,60**
12004.IBC00	**1000.000 ml**	**2815,29**

Thymol 5 % for Urine Fixation

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol
- Thymol

Fixation of urine samples

Thymol 5% solution is an effective and easy-to-use method for fixing and stabilizing urine samples for medical and diagnostic purposes. It prevents changes in the chemical composition of urine, allowing for a more accurate analysis of pH, specific gravity, sediment formation, and various chemical compounds. Its antimicrobial properties, combined with isopropanol, inhibit the growth of microorganisms and prevent the samples from decomposing.

Order-No.:	Amount:	Price:
12848.00100	**100 ml**	**28,57**
12848.00250	**250 ml**	**31,89**
12848.00500	**500 ml**	**37,60**
12848.01000	**1.000 ml**	**67,90**

Wintergreen Oil after SPALTEHOLZ

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl salicylate / Oil of Wintergreen
- benzoic acid benzyl ester

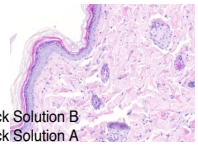
Preservation of anatomical specimens

Wintergreen oil according to Spalteholz is primarily used in the production of anatomical clarification preparations to clarify tissue samples and make their structures more visible in anatomical examinations. The product's ability to effectively clarify tissue samples without affecting their fine structures is due to its chemical composition of a combination of methyl salicylate and benzyl benzoate. It offers advantages over similar products by ensuring an effective clarification of tissue samples while treating the structures gently.

Order-No.:	Amount:	Price:
13397.00100	**100 ml**	**62,97**
13397.00250	**250 ml**	**105,17**
13397.00500	**500 ml**	**188,53**
13397.01000	**1.000 ml**	**357,80**
13397.02500	**2.500 ml**	**809,21**

ZAMBONI solution

Lagerung: *15 … 25 °C*



Relevant Incredients:
- Picric Acid, saturated aqueous
- Paraformaldehyde
- Caustic soda 4 %
- SOERENSEN's Buffer / PBS Buffer Stock Solution B
- SOERENSEN's Buffer / PBS Buffer Stock Solution A

Fixation of tissue samples

The Zamboni solution is a modification of Bouin's solution and is ideal for the analysis of cell structures and subcellular organelles such as synapses and mitochondria due to its improved fixation and stabilization of tissue samples. The use of paraformaldehyde and buffering preserves better morphology and structure of the samples.

Order-No.:	Amount:	Price:
12773.00100	**100 ml**	**36,77**
12773.00250	**250 ml**	**40,15**
12773.00500	**500 ml**	**49,51**
12773.01000	**1.000 ml**	**94,70**
12773.02500	**2.500 ml**	**194,62**

01. Fixing agents

ZENKER's Fixative

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dichromate
- Sodium sulfate
- Mercury(II) chloride

Fixation of tissue samples

Zenker Fixing Solution is a special solution used in histology and pathology to stabilize tissue structures and cellular components for microscopic examination. It consists of mercuric chloride, potassium dichromate and sodium sulfate and provides excellent tissue preservation and cell structure detail. However, mercury is toxic and safety and disposal measures are required.

Order-No.:	Amount:	Price:
10408.00250	**250 ml**	**42,13**
10408.00500	**500 ml**	**53,49**
10408.01000	**1.000 ml**	**102,59**

Zinc Chloride - Acetic Acid - Formaline

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Zinc chloride
- Acetic acid 99%

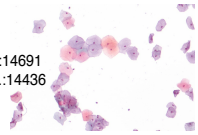
Fixation of tissue samples

Zinc chloride acetic acid formalin is a fixing solution used in histology, cytology and pathology to preserve cell and tissue specimens. It allows optimal preservation of morphology and cell structures and improves the quality of subsequent staining and analysis. It is important to observe safety measures and handling recommendations.

Order-No.:	Amount:	Price:
11707.00250	**250 ml**	**18,00**
11707.00500	**500 ml**	**24,92**
11707.01000	**1.000 ml**	**30,76**

Colouring kit: PAP rapid colouring

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- PAP Rapid Dyeing Solution I, Artikel-Nr.:14691
- PAP Rapid Dyeing Solution II, Artikel-Nr.:14436

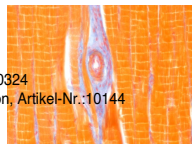
Staining of smear preparations

The PAP rapid staining kit is used for in vitro diagnostics and contains modified hematixylin and EA50 solutions. It enables efficient and effective staining of cell and tissue preparations. The hematixylin solution is used for intensive nuclear staining, while the EA50 solution is designed for staining cytoplasm and extracellular matrix, which is important in histology and medical diagnostic applications.

Order-No.:	Amount:	Price:
14685.00100	**100 ml**	**26,69**
14685.00250	**250 ml**	**32,85**
14685.00500	**500 ml**	**57,58**
14685.01000	**1.000 ml**	**111,41**
14685.02500	**2.500 ml**	**246,82**

Dyeing kit: AZAN according to GEIDIES

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Seed red 0,1 %, Artikel-Nr.:10264
- Phosphortungstic Acid 5 %, Artikel-Nr.:10324
- Aniline blue - Orange G - Working solution, Artikel-Nr.:10144

Staining of tissue samples

The AZAN staining kit according to Geidies is a simplified version of AZAN staining that allows shorter staining times and avoids the toxic aniline alcohol. The components of the kit improve the binding of the dyes to tissue structures and allow differentiated visualization of various cell types without compromising the quality of the results.

Order-No.:	Amount:	Price:
12082.00100	**100 ml**	**35,99**
12082.00250	**250 ml**	**64,04**
12082.00500	**500 ml**	**123,81**
12082.01000	**1.000 ml**	**237,74**
12082.02500	**2.500 ml**	**541,25**

Dyeing kit: Elastica according to Miller

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Potassium Permanganate 0.5 %, Artikel-Nr.:11152
- Oxalic Acid 1 %, Artikel-Nr.:18640
- Victoria blue staining solution according to Miller (Elastica), Artikel-Nr.:19045
- Van GIESON's Picrofuchsin, Artikel-Nr.:11486

Trichrome staining for overview

The Elastica by Miller staining kit is used in medical diagnostics, histology and scientific laboratories. It contains four main components (potassium permanganate, oxalic acid, Victoria blue staining solution, Van GIESON microfuchsin) and allows visualization of bone and cartilage structures. Chemical reactions and trichrome staining allow various tissue components to be visualized and analyzed.

Order-No.:	Amount:	Price:
19039.00100	**100 ml**	**69,64**
19039.00250	**250 ml**	**84,99**
19039.00500	**500 ml**	**162,32**
19039.01000	**1.000 ml**	**315,00**
19039.02500	**2.500 ml**	**728,70**

Kit: Brilliant Cresyl Blue for Reticulocytes

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Sodium Chloride 0.9 %, Artikel-Nr.:11679
- Brilliant Cresyl Blue Stock-Solution, Artikel-Nr.:15885

Staining of reticulocytes in blood

The Brilliant Cresyl Blue Reticulocyte Staining Kit enables specialized visualization of reticulocytes in blood smears by precipitation of hemoglobin H. It contains sodium chloride and a Brilliant Cresyl Blue stock solution. Use of the kit results in accurate and detailed visualization of reticulocytes, suitable for research and clinical diagnostics.

Order-No.:	Amount:	Price:
15891.00100	**100 ml**	**26,77**
15891.00250	**250 ml**	**28,16**
15891.00500	**500 ml**	**38,93**
15891.01000	**1.000 ml**	**51,29**
15891.02500	**2.500 ml**	**104,18**

Kit: FONTANA MASSON's Silver Nitrate 5 %

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Silver Nitrate 5 %, Artikel-Nr.:10375
- Potassium Hydroxide Solution 5 %, Artikel-Nr.:11560
- Ammonia 25 %, Artikel-Nr.:10135
- Silver Nitrate 5 %, Artikel-Nr.:10375

Impregnation of fabric cuts

The Fontana Masson kit is a staining solution used in histology and pathology for the identification of melanin, argentaffin granules, carcinoid tumors and fungal infections. It is based on a 5% silver nitrate solution and is used for the diagnosis of pigmentary disorders, melanomas, neuroendocrine tumors and mycoses.

Order-No.:	Amount:	Price:
11377.00100	**100 ml**	**68,71**
11377.00250	**250 ml**	**90,85**
11377.00500	**500 ml**	**175,41**
11377.01000	**1.000 ml**	**340,27**

02. Staining kits

Kit: Potassium Ferrocyanide (III) Iron Chloride Solution

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Potassium Ferrocyanide (III) 1 % Red Prussiate), Artikel-Nr.:15979
- Iron(III) Chloride 1 %, Artikel-Nr.:10174

Detection of melanin in tissue samples

The Potassium Hexacyanoferrate(III) Ferric Chloride Solution Kit is a laboratory chemical for the identification of melanin in tissue samples for medical and histological diagnosis. Together with the Schmorl Melanin Detection Staining Kit, it enables efficient melanin localization and provides important information for diagnoses.

Order-No.:	Amount:	Price:
15990.00100	**100 ml**	**10,71**
15990.00250	**250 ml**	**14,89**
15990.00500	**500 ml**	**24,70**
15990.01000	**1.000 ml**	**50,18**
15990.02500	**2.500 ml**	**107,58**

Kit: Silver Pyridine Carbonate acc. to CAMPBELL-SWITZER

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Pyridine, Artikel-Nr.:00221
- Silver Nitrate 1 %, Artikel-Nr.:11180
- Potassium Carbonate 1 %, Artikel-Nr.:16809

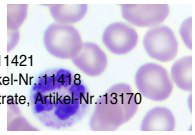
Impregnation of fabric cuts

The Campbell-Switzer Silver-Pyridine Carbonate kit enables selective staining of cell structures, especially nucleic acids and proteins, in medical diagnostics, histology, metallography and other laboratory applications. The precise and reproducible staining helps in the study of pathological processes, tissue assessment and material structure analysis.

Order-No.:	Amount:	Price:
16898.00100	**100 ml**	**33,52**
16898.00250	**250 ml**	**51,72**
16898.00500	**500 ml**	**102,05**
16898.01000	**1.000 ml**	**197,52**

Staining Kit: PAPPENHEIM's Staining (MAY GRUENWALD & GIEMSA)

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- MAY GRUENWALD's Eosin, Artikel-Nr.:11421
- GIEMSA's Stock Solution (Original), Artikel-Nr.:11418
- Buffer after WEISE pH 7.0 - 10x Concentrate, Artikel-Nr.:13170

Staining of blood and smear preparations

The staining kit for Pappenheim staining consists of May-Grünwald and Giemsa solution and is used in medical diagnostics and research. It allows comprehensive visualization of cell types and structures important for the diagnosis of blood diseases, infections and parasite infestations.

Order-No.:	Amount:	Price:
11103.00100	**100 ml**	**25,60**
11103.00250	**250 ml**	**34,18**
11103.00500	**500 ml**	**61,42**
11103.01000	**1.000 ml**	**118,26**
11103.02500	**2.500 ml**	**262,47**

Staining Kit: AFOG

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Aniline Blue - Acid Fuchsine - Orange G, Artikel-Nr.:15090
- Phosphomolybdic acid 1 %, Artikel-Nr.:10306

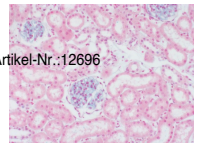
Staining of tissue samples

The AFOG/SFOG staining kit according to Mallory & Cason is a trichrome stain for in vitro diagnostics for the examination of tissue samples. It allows the staining and differentiation of various cellular components and tissue structures such as collagenous fibers, reticular connective tissue, acid mucosubstances, erythrocytes, muscle tissue, protein deposits and cell nuclei for diagnostic purposes. The multi-step staining process is based on specific binding and amplification by phosphomolybdic acid.

Order-No.:	Amount:	Price:
11881.00100	**100 ml**	**51,43**
11881.00250	**250 ml**	**64,70**
11881.00500	**500 ml**	**112,12**
11881.01000	**1.000 ml**	**216,30**
11881.02500	**2.500 ml**	**493,30**

Staining kit: Alcian blue-core red for acidic mucosubstances

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Alcian blue 1 % (pH 2,5 in acetic acid), Artikel-Nr.:12696
- Acetic Acid 3 %, Artikel-Nr.:11384
- Seed red 0,1 %, Artikel-Nr.:10264

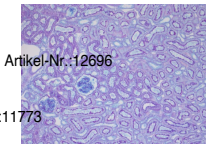
Detection of mucopolysaccharides

Alcian Blue nuclear red is used to visualize acidic mucosubstances in tissue sections. It is particularly well suited for staining acidic polysaccharides blue and staining cell nuclei red-orange to facilitate differentiation of structures. The chemical mode of operation is based on the electrostatic attraction of Alcian blue to acidic polysaccharides and the binding of nuclear red to DNA in cell nuclei.

Order-No.:	Amount:	Price:
13416.00100	**100 ml**	**57,71**
13416.00250	**250 ml**	**86,06**
13416.00500	**500 ml**	**169,80**
13416.01000	**1.000 ml**	**325,80**
13416.02500	**2.500 ml**	**746,71**

Staining Kit: Alcian Blue-PAS Staining

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Alcian blue 1 % (pH 2,5 in acetic acid), Artikel-Nr.:12696
- Periodic Acid 1 %, Artikel-Nr.:11415
- SCHIFF's Reagent, Artikel-Nr.:11686
- Hematoxylin after GILL - III, Artikel-Nr.:11773

Detection of mucopolysaccharides

The Alcian Blue PAS staining kit is a useful tool in histology and medical diagnostics for visualizing neutral polysaccharides and acidic mucosubstances in connective and supporting tissues, enabling differential analysis of tissue sections and supporting diagnostics of connective tissue diseases.

Order-No.:	Amount:	Price:
11388.00100	**100 ml**	**53,20**
11388.00250	**250 ml**	**89,26**
11388.00500	**500 ml**	**176,49**
11388.01000	**1.000 ml**	**338,61**
11388.02500	**2.500 ml**	**776,61**

Staining Kit: Alizarin Red S for Calcium Detection in Hard Tissues

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Alizarin Red S buffered, pH 4.0, Artikel-Nr.:13158
- Acetate Buffer pH 4.0, Artikel-Nr.:13209

Calcium detection

The Alizarin Red S staining kit is used for the detection of calcium in hard tissues such as bones or teeth and consists of two solutions: Alizarin Red S buffered to pH 4.0 and acetate buffer to pH 4.0. It forms complexes with calcium ions in hard tissues and provides optimal staining intensity and specificity at pH 4.0. The kit is easy to use and provides accurate and reproducible results.

Order-No.:	Amount:	Price:
13206.00100	**100 ml**	**17,89**
13206.00250	**250 ml**	**25,54**
13206.00500	**500 ml**	**42,37**
13206.01000	**1.000 ml**	**82,16**

02. Staining kits

Staining Kit: Alizarin Red S for Calcium Detection in Soft Tissues

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Alizarin Red S, pH 9.0, Artikel-Nr.:13150
- Alizarin Red S, pH 7.0, Artikel-Nr.:13154
- Buffer after WEISE pH 7.0 - 10x Concentrate, Artikel-Nr.:13170

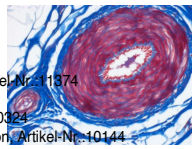
Calcium detection

The Alizarin Red S staining kit enables specific staining of calcium deposits in soft tissues, such as in the examination of arteriosclerosis, kidney stones or cartilage calcifications. It is based on the complex formation between Alizarin Red S and calcium ions and offers advantages through easy handling and individual adjustment of staining intensity and specificity.

Order-No.:	Amount:	Price:
13203.00100	**100 ml**	**27,71**
13203.00250	**250 ml**	**35,78**
13203.00500	**500 ml**	**63,66**
13203.01000	**1.000 ml**	**123,11**

Staining Kit: AZAN after HEIDENHAIN

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Aniline-Ethanol, Artikel-Nr.:10138
- Acetic Acid in Ethanol (1 % / 96 %), Artikel-Nr.:11374
- Azocarmine, Artikel-Nr.:10147
- Phosphortungstic Acid 5 %, Artikel-Nr.:10324
- Aniline blue - Orange G - Working solution, Artikel-Nr.:10144
- Aniline-Ethanol, Artikel-Nr.:10138

Staining of tissue samples

The AZAN staining kit according to Heidenhain enables the visualization and differentiation of collagenous and reticular connective tissue, cell nuclei, muscle tissue, erythrocytes, glial fibrils and acid mucosubstances. It consists of aniline alcohol, acetic acid alcohol 1%, azo carmine, phosphotungstic acid 5% and aniline blue orange G-use solution.

Order-No.:	Amount:	Price:
12079.00100	**100 ml**	**53,57**
12079.00250	**250 ml**	**83,20**
12079.00500	**500 ml**	**162,30**
12079.01000	**1.000 ml**	**312,80**
12079.02500	**2.500 ml**	**720,07**

Staining Kit: Carmine Acetic Acid after SCHNEIDER

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Carmine acetic acid, Artikel-Nr.:10411
- 2-Propanol, Artikel-Nr.:11365

DNA staining

The staining kit for carminyacetic acid staining according to Schneider contains carminyacetic acid and isopropanol and is used to visualize chromosomes in cell division phases. The red dye binds to basic tissue components and enables clear staining of chromosomes, while isopropanol removes excess dye and improves microscopic analysis.

Order-No.:	Amount:	Price:
11082.00100	**100 ml**	**24,43**
11082.00250	**250 ml**	**34,73**
11082.00500	**500 ml**	**65,23**
11082.01000	**1.000 ml**	**128,52**

Staining Kit: Carmine Staining for Glycogen (after BEST)

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Carmine after BEST, Artikel-Nr.:11809
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231
- Carmine after BEST: Differentiation Solution, Artikel-Nr.:12166

Glycogen detection

Best's Karmin stain is a specific, empirical method for visualizing glycogen (red) in tissue sections. It allows differentiation of cell nuclei and cytoplasm and is commonly used in histology and pathology to study glycogen distribution and quantity.

Order-No.:	Amount:	Price:
11081.00100	**100 ml**	**76,84**
11081.00250	**250 ml**	**134,65**
11081.00500	**500 ml**	**272,26**
11081.01000	**1.000 ml**	**527,55**

Staining kit: CARSTAIRS staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Ammonium Iron (III) Sulfate 4 %, Artikel-Nr.:17576
- Picric Acid - Orange G - Solution, Artikel-Nr.:12597
- Ponceau Fuchsine Solution, Artikel-Nr.:12600
- Phosphotungstic acid-phosphomolybdic acid solution, Artikel-Nr.:11164
- Aniline Blue 5 %, Artikel-Nr.:11299
- WEIGERT stock solution A, Artikel-Nr.:10225a
- WEIGERT stock solution B, Artikel-Nr.:10225b

Staining of tissue samples

Ready-to-use solution Staining kit: CARSTAIRS staining for use in histology or zytology for Staining of tissue samples

Order-No.:	Amount:	Price:
13540.00100	**100 ml**	**157,96**
13540.00250	**250 ml**	**192,75**
13540.00500	**500 ml**	**389,89**
13540.01000	**1.000 ml**	**759,14**
13540.02500	**2.500 ml**	**1790,32**

Staining Kit: Congo Red after HERTIE

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Congo Red Stock Solution II, Artikel-Nr.:18070
- Potassium Chloride Solution, alkaline with 1,5 % NaCl, Artikel-Nr.:18075
- Sodium Hydroxide / Caustic Soda 1 %, Artikel-Nr.:14425

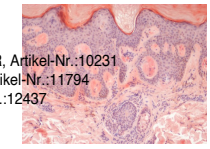
Detection of amyloid deposits

The Congo Red staining kit according to HERTIE is used in medical diagnostics, histology and scientific laboratories for the precise staining of amyloid deposits in tissue samples. It helps in the diagnosis of diseases such as Alzheimer's disease or systemic amyloidosis and provides valuable diagnostic information.

Order-No.:	Amount:	Price:
18080.00100	**100 ml**	**24,31**
18080.00250	**250 ml**	**31,86**
18080.00500	**500 ml**	**58,77**
18080.01000	**1.000 ml**	**116,83**
18080.02500	**2.500 ml**	**263,96**

Staining Kit: Congo Red after HIGHMAN

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231
- Congo Red 0.5 % in Ethanol 50 %, Artikel-Nr.:11794
- Alkaline Alcohol (with KOH), Artikel-Nr.:12437
- SCOTT's Solution, Artikel-Nr.:11192

Staining of tissue samples

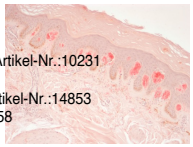
The Congo Red staining kit according to Highman has been developed for the examination of amyloid deposits in tissue samples. It allows visualization and identification of amyloid, which is deposited in organs in diseases such as Alzheimer's disease and amyloidosis. The staining shows characteristic colors under a light microscope and supports histological and histopathological analysis and diagnostics.

Order-No.:	Amount:	Price:
11084.00100	**100 ml**	**28,04**
11084.00250	**250 ml**	**39,41**
11084.00500	**500 ml**	**71,88**
11084.01000	**1.000 ml**	**138,56**

02. Staining kits

Staining Kit: Congo Red after PUCHTLER

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231
- SCOTT's Solution, Artikel-Nr.:11192
- Potassium Chloride Solution, alkaline, Artikel-Nr.:14853
- Congo red stock solution, Artikel-Nr.:12558

Detection of amyloid deposits

The staining kit Congo Red according to Puchtler is an in vitro diagnostic agent for amyloid imaging, consisting of hematoxilin, acidic according to Mayer, Scott's solution, alkaline saline solution and Congo Red stock solution. It is used for staining tissue and cell samples, allows clear identification of amyloid and distinguishes it from other tissue components.

Order-No.:	Amount:	Price:
14859.00100	**100 ml**	**27,03**
14859.00250	**250 ml**	**42,81**
14859.00500	**500 ml**	**78,29**
14859.01000	**1.000 ml**	**151,24**
14859.02500	**2.500 ml**	**340,42**

Staining Kit: COOMASSIE's Staining with GIEMSA

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- COOMASSIE's Solution 0.05 %, Artikel-Nr.:15098
- Phosphate buffer according to SÖRENSEN pH 7.38, Artikel-Nr.:12859
- GIEMSA's Stock Solution (Original), Artikel-Nr.:11418

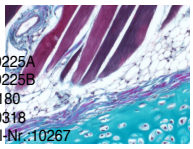
Staining of blood and smear preparations

The COOMASSIE staining kit with GIEMSA is a laboratory chemical for biochemical research. It allows detailed visualization and differentiation of proteins and cells by Coomassie and GIEMSA staining, supported by a Sörensen buffer for optimal pH environment.

Order-No.:	Amount:	Price:
15104.00100	**100 ml**	**24,12**
15104.00250	**250 ml**	**31,33**
15104.00500	**500 ml**	**57,65**
15104.01000	**1.000 ml**	**114,68**
15104.02500	**2.500 ml**	**258,91**

Staining Kit: CROSSMON's Trichrome Staining

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Acid Fuchsine - Orange G, Artikel-Nr.:12180
- Phosphortungstic Acid 1 %, Artikel-Nr.:10318
- Light Green 0.2 % (GOLDNER III), Artikel-Nr.:10267
- Aniline blue (MASSON C), Artikel-Nr.:10141

Staining of tissue samples

The CROSSMON trichrome staining kit enables histological and histopathological specialists to differentiate the staining of tissue structures in tissue samples. The kit contains various components for visualizing connective and supporting tissue, collagen fibers, reticular connective tissue, cytoplasm, muscle tissue, erythrocytes and cell nuclei in different colors.

Order-No.:	Amount:	Price:
11087.00100	**100 ml**	**47,80**
11087.00250	**250 ml**	**66,59**
11087.00500	**500 ml**	**127,74**
11087.01000	**1.000 ml**	**246,35**
11087.02500	**2.500 ml**	**563,92**

Staining Kit: Detection of Copper with Rhodanine

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Rhodanine for Copper Detection, Artikel-Nr.:12315
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231

Staining of tissue samples

The Rhodanine Copper Detection Staining Kit is an important tool in medical diagnostics for identifying copper deposits in tissue samples, especially in disorders of copper metabolism such as Wilson's disease. It provides high sensitivity and specificity for accurate results.

Order-No.:	Amount:	Price:
14008.00100	**100 ml**	**27,35**
14008.00250	**250 ml**	**43,66**
14008.00500	**500 ml**	**82,50**
14008.01000	**1.000 ml**	**157,78**

Staining Kit: FITE-FARACO's Staining (Leprosy Detection)

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Xylene - Peanut Oil, Artikel-Nr.:13237
- Carbol-Fuchsin after ZIEHL-NEELSEN (hot Staining), Artikel-Nr.:12246
- Hydrochloric acid Alcohol (1 % / 70 %), Artikel-Nr.:10372
- Methylene Blue 0.25 %, aqueous, Artikel-Nr.:13243

Leprosy bacteria staining

The FITE-FARACO staining kit is used for the detection of leprosy pathogens in histological specimens. It uses a combination of carbolic fuchsin, hydrochloric acid alcohol, and methylene blue, which stain mycobacteria red and stain surrounding tissue blue. The kit is effective in the diagnosis of Mycobacterium leprae.

Order-No.:	Amount:	Price:
13240.00100	**100 ml**	**41,22**
13240.00250	**250 ml**	**80,50**
13240.00500	**500 ml**	**159,94**
13240.01000	**1.000 ml**	**311,38**

Staining Kit: FOUCHET-Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Iron(III) Chloride 10 %, Artikel-Nr.:11691
- Trichloroacetic Acid 20 %, Artikel-Nr.:16388
- Van GIESON's Picrofuchsin, Artikel-Nr.:11486

Bilirubin detection in tissue samples

The FOUCHET staining kit is used for the detection of bilirubin in tissue samples for the identification of liver diseases in medical diagnostics and histology. It is based on the oxidative conversion of bilirubin and contains ferric chloride, trichloroacetic acid and Van GIESON microfuchsin. The application enables detailed, high-contrast histological images for accurate diagnoses.

Order-No.:	Amount:	Price:
17073.00100	**100 ml**	**43,69**
17073.00250	**250 ml**	**45,75**
17073.00500	**500 ml**	**85,60**
17073.01000	**1.000 ml**	**164,57**
17073.02500	**2.500 ml**	**370,52**

Staining Kit: GALLYAS' Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Periodic Acid 5 %, Artikel-Nr.:13135
- Alkaline Silver Iodine Solution, Artikel-Nr.:13114
- Acetic acid 1 %, Artikel-Nr.:10180
- Goldchloride 0.1 %, Artikel-Nr.:11134
- Sodium Thiosulfate 1 %, Artikel-Nr.:11155
- Seed red 0,1 %, Artikel-Nr.:10264
- Kit: Developer Solution für GALLAY's Stain, Artikel-Nr.:14568

Detection of Alzheimer plaques

The GALLYAS staining kit contains different solutions that work synergistically to provide precise and high-contrast staining of neurodegenerative structures. It is used for histological examinations, especially for visualizing degenerative changes in nervous tissue such as in Alzheimer's disease.

Order-No.:	Amount:	Price:
13131.00100	**100 ml**	**142,38**
13131.00250	**250 ml**	**185,79**
13131.00500	**500 ml**	**375,68**
13131.01000	**1.000 ml**	**723,15**

02. Staining kits

Staining Kit: GOMORI's Trichrome Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- BOUIN Fixing Solution, Artikel-Nr.:10153
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- GOMORI's Trichrome Solution with Light Green, Artikel-Nr.:11974
- GOMORI's Differentiation Solution, Artikel-Nr.:12050

Staining of tissue samples

The Gomori trichrome staining kit is an important tool for histological examination of tissue samples, especially for collagen fibers, muscle tissue and cell nuclei. It is used in medical diagnostics and life sciences and enables differentiated assessments of tissue composition and structure.

Order-No.:	Amount:	Price:
12046.00100	**100 ml**	**39,93**
12046.00250	**250 ml**	**76,77**
12046.00500	**500 ml**	**152,17**
12046.01000	**1.000 ml**	**296,45**
12046.02500	**2.500 ml**	**686,07**

Staining Kit: GRAM's according to WEIGERT

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Eosin 1 %, aqueous, Artikel-Nr.:10177
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231
- LUGOL's Iodine, stabilized with PVP, Artikel-Nr.:10258
- Carbol Gentiana Violet Solution for GRAM, Artikel-Nr.:16343
- Xylene Aniline Oil (1:1), Artikel-Nr.:16419

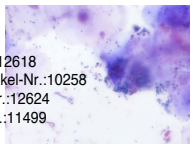
Staining of bacteria / tissue samples

The GRAM staining kit according to WEIGERT is used for the detection and differentiation of GRAM-positive and GRAM-negative bacteria. It has versatile applications, from medical microbiology to water analysis. Cell structures are stained by various chemical reagents, enabling precise identification of bacterial species, which is important for targeted therapeutic approaches.

Order-No.:	Amount:	Price:
16413.00100	**100 ml**	**94,14**
16413.00250	**250 ml**	**110,07**
16413.00500	**500 ml**	**215,13**
16413.01000	**1.000 ml**	**417,15**
16413.02500	**2.500 ml**	**972,75**

Staining Kit: GRAM's for Microbiology

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Crystal Violet after HUCKER, Artikel-Nr.:12618
- LUGOL's Iodine, stabilized with PVP, Artikel-Nr.:10258
- Safranine for GRAM's Staining, Artikel-Nr.:12624
- GRAM's Decolorizing Solution, Artikel-Nr.:11499

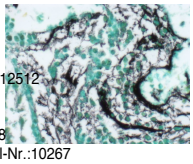
Staining of bacteria / tissue samples

The Gram staining kit for microbiology contains all the necessary reagents and dyes to classify bacteria by their cell wall structure. It enables the differentiation between Gram-positive and Gram-negative bacteria and is essential for the identification of pathogens and the selection of appropriate antibiotics.

Order-No.:	Amount:	Price:
11080.00100	**100 ml**	**43,36**
11080.00250	**250 ml**	**53,84**
11080.00500	**500 ml**	**101,23**
11080.01000	**1.000 ml**	**195,36**
11080.02500	**2.500 ml**	**444,10**

Staining Kit: GROCOTT's Staining for Fungi

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Chromic Acid 5 %, Artikel-Nr.:11697
- Kit: Silver Methenamin Borax, Artikel-Nr.:12512
- Sodium Disulfite 1%, Artikel-Nr.:11800
- Goldchloride 0.1 %, Artikel-Nr.:11134
- Sodium Thiosulfate 5 %, Artikel-Nr.:10288
- Light Green 0.2 % (GOLDNER III), Artikel-Nr.:10267

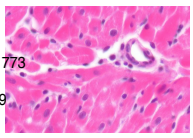
Staining of tissue samples

The GROCOTT staining kit is a special kit for the identification of fungal spores in histological sections. It contains various solutions that contribute to the specific staining of fungal structures and enable their recognition and differentiation from surrounding tissue structures.

Order-No.:	Amount:	Price:
12053.00100	**100 ml**	**110,10**
12053.00250	**250 ml**	**188,29**
12053.00500	**500 ml**	**376,78**
12053.01000	**1.000 ml**	**730,02**

Staining Kit: Hematoxylin & Eosin Fast Staining (H&E)

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Hematoxylin after GILL - III, Artikel-Nr.:11773
- Eosin 1 %, methanolic, Artikel-Nr.:11948
- Hydrochloric Acid 0.5 %, Artikel-Nr.:11819

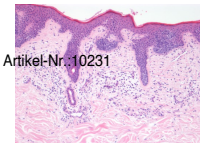
Staining of tissue samples

The Hematoxylin and Eosin (H&E) staining kit is used in pathology and research to visualize cellular structures and morphology. The staining is based on hematoxylin and eosin, which stain cell nuclei blue-violet and cytoplasmic and extracellular structures pink to red. The particular suitability of the H&E rapid staining kit lies in the fast and efficient staining of tissue sections and cell preparations, which enables high contrast resolution and clear structural visualization.

Order-No.:	Amount:	Price:
13139.00100	**100 ml**	**19,72**
13139.00250	**250 ml**	**30,79**
13139.00500	**500 ml**	**53,29**
13139.01000	**1.000 ml**	**103,17**
13139.02500	**2.500 ml**	**227,46**

Staining Kit: Hematoxylin-Eosin (H&E)

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231
- Eosin 1 %, aqueous, Artikel-Nr.:10177

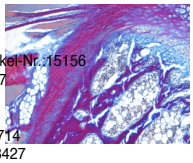
Overview staining of tissues

The Hematoxylin & Eosin (H&E) staining kit is a commonly used technique in histology and histopathology for visualizing cell nuclei, cytoplasm and extracellular structures in tissue specimens. It consists of hematoxylin, which stains cell nuclei, and eosin, which stains cytoplasm and extracellular structures. The kit simplifies the examination of tissue samples and identification of structural changes in research and diagnostics.

Order-No.:	Amount:	Price:
12156.00100	**100 ml**	**15,04**
12156.00250	**250 ml**	**20,00**
12156.00500	**500 ml**	**31,80**
12156.01000	**1.000 ml**	**61,55**
12156.02500	**2.500 ml**	**130,13**

Staining Kit: HEROVICI for collagen differentiation

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Coelestine Blue - Iron-Alum Solution, Artikel-Nr.:15156
- Nuclear Fast Red 0.1 %, Artikel-Nr.:18417
- Metanil Yellow 2 %, Artikel-Nr.:18422
- Acetic acid 1 %, Artikel-Nr.:10180
- Lithium Carbonate 0.05 %, Artikel-Nr.:11714
- HANSEN's Picric Fuchsine, Artikel-Nr.:18427

staining of collagene

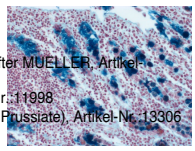
The Herovici staining kit enables the differentiation of young and mature collagen in histological samples and is used for medical diagnostics and research. The reactions are based on metal complexes that selectively stain collagen fibers, allowing differences in tissue structures and possible pathological changes to be detected.

Order-No.:	Amount:	Price:
18432.00100	**100 ml**	**115,61**
18432.00250	**250 ml**	**214,32**
18432.00500	**500 ml**	**334,52**
18432.01000	**1.000 ml**	**655,57**
18432.02500	**2.500 ml**	**1557,58**

02. Staining kits

Staining Kit: Iron Staining after HALE

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Colloidal Iron Solution (Stock Solution) after MUELLER, Artikel-Nr.:13674
- Acetic Acid 99 % (Glacial Acid), Artikel-Nr.:11998
- Potassium Ferrocyanide (II) 2 % (Yellow Prussiate), Artikel-Nr.:13306
- Hydrochloric Acid 2 %, Artikel-Nr.:13694
- Neutral Red, Artikel-Nr.:11683

detection of iron

The iron Hale staining kit enables precise differentiation and classification of renal cell carcinoma by displaying acidic mucosubstances blue through a reaction with colloidal iron ions and performing a Berlinerblau reaction for differentiation. It shows high sensitivity and selective detection ability and is a valuable tool in medical diagnostics and biomedical research.

Order-No.:	Amount:	Price:
13688.00100	**100 ml**	**31,89**
13688.00250	**250 ml**	**38,90**
13688.00500	**500 ml**	**68,05**
13688.01000	**1.000 ml**	**132,47**

Staining Kit: KINYOUN-GABETT's Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- KINYOUN's Solution, Artikel-Nr.:15136
- Hydrochloric Acid in Ethanol (3 % / 90 %), Artikel-Nr.:12255
- GABETT's Methylene Blue 0.1 %, aqueous, Artikel-Nr.:13771

Bacteria / sperm staining

The KINYOUN-GABETT staining kit is an essential kit for the detection of mycobacteria, especially tuberculosis pathogens, in the laboratory. It contains Kinyoun solution, hydrochloric acid alcohol and Gabbet solution, which stain mycobacteria red while other cells are stained blue, enabling accurate diagnosis.

Order-No.:	Amount:	Price:
15142.00100	**100 ml**	**25,90**
15142.00250	**250 ml**	**32,24**
15142.00500	**500 ml**	**60,31**
15142.01000	**1.000 ml**	**118,95**

Staining Kit: KLEIHAUER's HB-F Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- KLEIHAUER's Stock Solution (HB-F Solution A), Artikel-Nr.:15668A
- KLEIHAUER's Stock Solution (HB-F Solution B), Artikel-Nr.:15668B
- KLEIHAUER Erythrosine 0,1 %, aqueous, Artikel-Nr.:19240

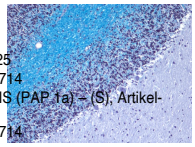
Cell nuclei staining

The KLEIHAUER HB-F staining kit enables the detection and quantification of fetal cells in maternal blood by specific hemoglobin staining. It consists of stock solutions A and B as well as erythrosine and supports the monitoring and treatment of pregnancies and fetomaternal blood transfusions.

Order-No.:	Amount:	Price:
15668.00100	**100 ml**	**37,12**
15668.00250	**250 ml**	**59,17**
15668.00500	**500 ml**	**78,78**
15668.01000	**1.000 ml**	**103,96**
15668.02500	**2.500 ml**	**229,30**

Staining Kit: KLUEVER-BARRERA Staining

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Luxol Fast Blue Solution, Artikel-Nr.:11125
- Lithium Carbonate 0.05 %, Artikel-Nr.:11714
- Papanicolaou's Hematoxylin after HARRIS (PAP 1a) – (S), Artikel-Nr.:11953
- Lithium Carbonate 0.05 %, Artikel-Nr.:11714

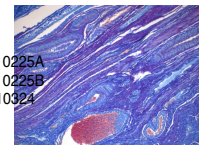
Staining of medullary sheaths

The Klüver-Barrera myelin staining kit combines Luxol Fast Blue and lithium carbonate for visualization of myelinated nerve fibers in blue and Papanicolaous Hematoxylin for cell body visualization in violet. It enables precise analysis in neuropathology and neurobiology.

Order-No.:	Amount:	Price:
14431.00100	**100 ml**	**33,50**
14431.00250	**250 ml**	**43,53**
14431.00500	**500 ml**	**77,62**
14431.01000	**1.000 ml**	**151,01**

Staining Kit: LADEWIG's Staining

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Phosphortungstic Acid 5 %, Artikel-Nr.:10324
- LADEWIG's Solution, Artikel-Nr.:11404

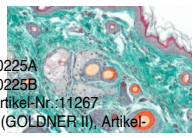
Staining of tissue samples

The LADEWIG staining kit is a histology staining kit for the differentiated visualization of tissue structures and substances. It consists of several components such as Weigert stock solution A and B, phosphotungstic acid and Ladewig solution. The application allows detailed examination of tissue changes associated with various diseases.

Order-No.:	Amount:	Price:
12086.00100	**100 ml**	**55,01**
12086.00250	**250 ml**	**96,30**
12086.00500	**500 ml**	**189,55**
12086.01000	**1.000 ml**	**365,20**
12086.02500	**2.500 ml**	**843,23**

Staining kit: MASSON GOLDNER Trichrome

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Acid Fuchsine - Ponceau Azophloxine, Artikel-Nr.:11267
- Phosphomolybdic Acid - Orange G – (A) (GOLDNER II), Artikel-Nr.:11195
- Light Green 0.2 % (GOLDNER III), Artikel-Nr.:10267
- Acetic Acid 10 %, Artikel-Nr.:13431

Trichrome staining for overview

The MASSON GOLDNER Trichrome Staining Kit is a modified Masson stain for histological staining of tissue samples. It allows the differentiation of tissue structures such as collagen fibers, muscle tissue, cell nuclei and cytoplasm. The kit consists of various staining components and is particularly useful for the analysis of connective tissue and muscle tissue in histopathological diagnostics.

Order-No.:	Amount:	Price:
12043.00100	**100 ml**	**51,13**
12043.00250	**250 ml**	**61,86**
12043.00500	**500 ml**	**115,51**
12043.01000	**1.000 ml**	**224,33**
12043.02500	**2.500 ml**	**514,80**

Staining Kit: MASSON's Original

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Hematoxylin after MASSON, Artikel-Nr.:11717
- Acid fuchsin ponceau (GOLDNER I), Artikel-Nr.:10366
- Phosphomolybdic Acid - Orange G – (A) (GOLDNER II), Artikel-Nr.:11195
- Light Green 0.2 % (GOLDNER III), Artikel-Nr.:10267
- Acetic acid 1 %, Artikel-Nr.:10180

Staining of tissue samples

The MASSON staining kit (original) is a high-quality set for trichrome staining in histology and enables the differentiated observation of cell structures and tissues. It visualizes connective and supporting tissues, cytoplasm, muscle tissue, erythrocytes, fibrin, cell nuclei, basement membranes and elastin in different colors, increasing diagnostic power. It is indispensable in histological research and diagnostics.

Order-No.:	Amount:	Price:
11092.00100	**100 ml**	**32,52**
11092.00250	**250 ml**	**45,18**
11092.00500	**500 ml**	**82,09**
11092.01000	**1.000 ml**	**159,16**
11092.02500	**2.500 ml**	**359,69**

02. Staining kits

Staining Kit: MASSON's Trichrome with Anilin Blue

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Picric acid solution, alcoholic, Artikel-Nr.:18162
- Acid fuchsin ponceau (GOLDNER I), Artikel-Nr.:10366
- Phosphomolybdic acid 1 %, Artikel-Nr.:10306
- Aniline blue (MASSON C), Artikel-Nr.:10141

Staining of tissue samples

The MASSON Trichrome with Aniline Blue staining kit is designed for histology, especially in vitro diagnostics and scientific laboratories. It enables effective differentiation and staining of various tissue components such as connective tissue, supporting tissue, cytoplasm, muscle tissue, erythrocytes and fibrin. The application supports detailed examination and analysis of tissue samples in scientific and diagnostic procedures.

Order-No.:	Amount:	Price:
18156.00100	**100 ml**	**55,98**
18156.00250	**250 ml**	**83,12**
18156.00500	**500 ml**	**144,35**
18156.01000	**1.000 ml**	**280,16**
18156.02500	**2.500 ml**	**647,40**

Staining Kit: Melanin Detection after SCHMORL

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Potassium Ferrocyanide (III) 1 % Red Prussiate), Artikel-Nr.:15979
- Iron(III) Chloride 1 %, Artikel-Nr.:10174
- Van GIESON's Picrofuchsin, Artikel-Nr.:11486
- Acetic acid 1 %, Artikel-Nr.:10180

Staining of tissue samples

The SCHMORL Melanin Detection Staining Kit (B) is used for the histopathological detection of melanin in tissue sections. It enables precise visualization of melanin and is particularly helpful in the diagnosis and examination of melanomas and melanin-containing tissue changes.

Order-No.:	Amount:	Price:
12150.00100	**100 ml**	**18,48**
12150.00250	**250 ml**	**28,82**
12150.00500	**500 ml**	**49,80**
12150.01000	**1.000 ml**	**96,21**

Staining Kit: MIF-Color for Parasites

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Merthiolate Formaline Solution, Artikel-Nr.:16022
- Iodine-potassium iodite (LUGOL solution), Artikel-Nr.:10255

Staining and fixation of stool samples

The MIF-Color staining kit for parasite imaging is designed for staining bacteria and tissue samples in medical and histological diagnostics. The solution consists of merthiolate formalin solution and Lugol's solution, which visualize cell structures and parasites and support diagnostic findings.

Order-No.:	Amount:	Price:
16028.00100	**100 ml**	**22,98**
16028.00250	**250 ml**	**31,89**
16028.00500	**500 ml**	**41,78**
16028.01000	**1.000 ml**	**68,79**
16028.02500	**2.500 ml**	**146,65**

Staining Kit: MOLLIER's Fourfold-Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Orcein, alcoholic with Hydrochloric Acid, Artikel-Nr.:12480
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Hydrochloric acid Alcohol (1 % / 70 %), Artikel-Nr.:10372
- Azocarmine, Artikel-Nr.:10147
- Phosphortungstic Acid 5 %, Artikel-Nr.:10324
- Naphthol Green, aqueous, Artikel-Nr.:12483

Dyeing elastic fibers

The MOLLIER quadruple staining kit is a specialized staining technique in histological diagnostics that enables differentiated visualization of tissue and cell structures. By combining four dyes and other reagents, elastic fibers, collagen fibers, epithelial cells, skeletal muscle and smooth muscle can be visualized in different colors, which is essential for accurate diagnoses.

Order-No.:	Amount:	Price:
12477.00100	**100 ml**	**140,95**
12477.00250	**250 ml**	**284,95**
12477.00500	**500 ml**	**585,25**
12477.01000	**1.000 ml**	**1121,35**

Staining Kit: MorDIFF-Quick Fast Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- ?, Artikel-Nr.:15571
- MorDIFF-Quick Solution II, Artikel-Nr.:15577
- MorDIFF-Quick Fixative, Artikel-Nr.:15583

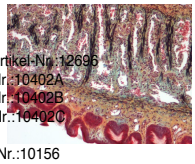
Staining of blood and smear preparations

The MorDIFF-Quick rapid staining kit is used for differential staining of blood and smear preparations. It enables rapid microscopic analysis through a two-step staining process with eosin G and methylene blue. The fixative stabilizes and fixes the cells to ensure morphological preservation. The kit provides diagnosable results in a short time for rapid application.

Order-No.:	Amount:	Price:
15589.00100	**100 ml**	**53,45**
15589.00250	**250 ml**	**61,51**
15589.00500	**500 ml**	**110,70**
15589.01000	**1.000 ml**	**226,68**
15589.02500	**2.500 ml**	**528,21**
15589.05000	**5.000 ml**	**1035,54**

Staining Kit: MOVAT's Pentachrom after VERHOEFF

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Alcian blue 1 % (pH 2,5 in acetic acid), Artikel-Nr.:12696
- VERHOEFF's Stock Solution A, Artikel-Nr.:10402A
- VERHOEFF's Stock Solution B, Artikel-Nr.:10402B
- VERHOEFF's Stock Solution C, Artikel-Nr.:10402C
- Iron(III) Chloride 1 %, Artikel-Nr.:10174
- Brilliant Crocein - Acid Fuchsine, Artikel-Nr.:10156
- Phosphortungstic Acid 2 %, Artikel-Nr.:10321
- Safron du Gatinais, alcoholic, Artikel-Nr.:10369
- Acetic Acid 12 %, Artikel-Nr.:13827

Staining cartilage & bone

The Movat Pentachrome staining kit according to Verhoeff is a histological staining method that shows five tissue components. Developed by Dr. Henry Zoltan Movat, it shows elastic fibers, collagen, ground substance, muscle fibers and erythrocytes in different colors. Useful for analysis of vascular wall layers, this method requires precise protocols and careful handling.

Order-No.:	Amount:	Price:
12061.00100	**100 ml**	**203,97**
12061.00250	**250 ml**	**389,76**
12061.00500	**500 ml**	**805,14**
12061.01000	**1.000 ml**	**1540,92**

Staining Kit: MOVAT's Pentachrome Staining (Original)

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Alcian Blue 1 %, in Acetic Acid 1 %, Artikel-Nr.:10126
- Alkaline Alcohol with Ammonia (90/10), Artikel-Nr.:10132
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Iron(III) Chloride 2 %, Artikel-Nr.:12019
- Brilliant Crocein - Acid Fuchsine, Artikel-Nr.:10156
- Phosphortungstic Acid 5 %, Artikel-Nr.:10324
- Safron du Gatinais, alcoholic, Artikel-Nr.:10369
- Sodium Thiosulfate 5 %, Artikel-Nr.:10288
- Acetic acid 1 %, Artikel-Nr.:10180

Staining cartilage & bone

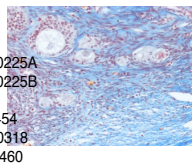
The MOVAT Pentachrome Staining Kit enables differentiated visualization of various tissue components by combining five colors in one staining. It is useful in histopathological examinations, especially of cardiovascular and connective tissue structures. The kit contains solutions for staining collagen, elastin, cell nuclei, mucus and fibrinoid material.

Order-No.:	Amount:	Price:
12057.00100	**100 ml**	**205,65**
12057.00250	**250 ml**	**394,58**
12057.00500	**500 ml**	**815,22**
12057.01000	**1.000 ml**	**1560,19**

02. Staining kits

Staining Kit: MSB-Lendrum Staining

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Martius Yellow 0.5 %, Artikel-Nr.:11457
- Crystal Ponceau Solution, Artikel-Nr.:11454
- Phosphortungstic Acid 1 %, Artikel-Nr.:10318
- Methyl Blue 1 %, aqueous, Artikel-Nr.:11460
- Acetic Acid 10 %, Artikel-Nr.:13431

Staining of tissue samples

The MSB-Lendrum staining kit is a trichrome staining method for histological visualization of fibrin, erythrocytes, muscle fibers, collagen and other tissue components. It consists of different dyes and allows a detailed, high-contrast analysis of inflammatory processes, thrombus formation and necrotic tissue areas.

Order-No.:	Amount:	Price:
12076.00100	**100 ml**	**180,21**
12076.00250	**250 ml**	**316,96**
12076.00500	**500 ml**	**652,11**
12076.01000	**1.000 ml**	**1249,38**

Staining Kit: NEISSER's Staining (Diphtheria Detection)

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- NEISSER's Solution I (Methylene Blue), Artikel-Nr.:13274
- NEISSER's Solution II (Crystal Violet), Artikel-Nr.:13278
- NEISSER's Solution III (Chrysoidine), Artikel-Nr.:13282

Detection of diphtheria bacteria

The NEISSER staining kit is used in microbiology and bacteriology to detect gram-positive, pleomorphic rods such as Corynebacterium diphtheriae, the causative agent of diphtheria. By combining three NEISSER solutions, it enables reliable identification and differentiation of diphtheria-causing bacteria.

Order-No.:	Amount:	Price:
13286.00100	**100 ml**	**36,97**
13286.00250	**250 ml**	**45,06**
13286.00500	**500 ml**	**81,96**
13286.01000	**1.000 ml**	**165,88**

Staining Kit: NEISSER's Staining after GIN

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- NEISSER's Solution I (Methylene Blue), Artikel-Nr.:13274
- NEISSER's Solution II (Crystal Violet), Artikel-Nr.:13278
- NEISSER's Solution III (Chrysoidine), Artikel-Nr.:13282
- LUGOL's Iodine with Lactic Acid, Artikel-Nr.:15124

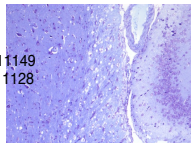
Detection of diphtheria bacteria

The NEISSER staining kit according to GIN is a microbiological staining agent that enables differentiated visualizations of cells and cell structures. It contains methylene blue, crystal violet and chrysoidin, which interact with specific chemical groups to produce selective staining. Lugol's solution with lactic acid recognizes starch and improves staining results.

Order-No.:	Amount:	Price:
15130.00100	**100 ml**	**32,48**
15130.00250	**250 ml**	**63,14**
15130.00500	**500 ml**	**115,94**
15130.01000	**1.000 ml**	**226,30**

Staining Kit: NISSL's Staining

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Potassium Metabisulfite 2 %, Artikel-Nr.:11149
- Cresyl Fast Violet for NISSL, Artikel-Nr.:11128
- Sodium Acetate Buffer, Artikel-Nr.:12142

Staining of tissue samples

The NISSL staining kit is an important tool in histology and neuroscience for visualizing neurons and their components. The main component, Cresylecht violet, allows visualization of neurons, nuclei and Nissl substance. This method provides detailed information about cell morphology, distribution and organization of neurons and helps to identify pathological changes in neurodegenerative diseases.

Order-No.:	Amount:	Price:
12159.00100	**100 ml**	**60,86**
12159.00250	**250 ml**	**82,86**
12159.00500	**500 ml**	**164,09**
12159.01000	**1.000 ml**	**313,22**

Staining Kit: Orceine Acetic Acid for Chromosomes

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Ethanol Glacial Acetic Acid Fixative, Artikel-Nr.:12173
- Orcein in Acetic Acid, Artikel-Nr.:10294
- Ammonium Iron (III) Sulfate 1 %, Artikel-Nr.:11557

DNA staining

The Orceinessacetic Acid Staining Kit for Chromosomes enables visualization and detailed examination of chromosome structures in cell nuclear preparations. It helps identify abnormalities and changes in chromosome number and shape and is important for applications in genetics, cytogenetics and molecular biology.

Order-No.:	Amount:	Price:
12214.00100	**100 ml**	**82,82**
12214.00250	**250 ml**	**183,64**
12214.00500	**500 ml**	**341,94**
12214.01000	**1.000 ml**	**651,94**

Staining Kit: PAP / PAPANICOLAOU's for Smears

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Papanicolaou's Hematoxylin after HARRIS (PAP 1a) – (S), Artikel-Nr.:11953
- Papanicolaou's Solution - **Orange G (PAP 2a) – (S)**, Artikel-Nr.:11957
- Papanicolaou's Solution - EA50 (PAP 3b) – **(S)**, Artikel-Nr.:11961
- PAP Bluing Solution **– (S)**, Artikel-Nr.:11965

Staining of smear preparations

The PAPANICOLAOU staining kit (PAP kit) is an important tool in cytological diagnostics, especially in gynecology. It was developed by Dr. George N. Papanicolaou and enables accurate assessment of cellular structures and components through differential staining. The PAP kit plays a crucial role in the early detection and diagnosis of cancers, such as dysplasia and cervical carcinoma.

Order-No.:	Amount:	Price:
11919.00100	**100 ml**	**28,71**
11919.00250	**250 ml**	**38,67**
11919.00500	**500 ml**	**69,67**
11919.01000	**1.000 ml**	**134,66**
11919.02500	**2.500 ml**	**301,46**

Staining Kit: PAS-Diastase

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- SCHIFF's Reagent, Artikel-Nr.:11686
- Hematoxylin after GILL - III, Artikel-Nr.:11773
- Diastase Solution 0.1 %, Artikel-Nr.:11542
- Periodic Acid 0.5 %, Artikel-Nr.:11167

Glycogen staining in tissue samples

The PAS-Diastase staining kit enables the detection of glycogen in tissue samples through the targeted application of components such as Schiff's reagent, hematoxylin, diastase solution and periodic acid. The detailed visualization of glycogen structures contributes to precise histological assessments and advances in diagnostics and research.

Order-No.:	Amount:	Price:
11739.00100	**100 ml**	**30,15**
11739.00250	**250 ml**	**42,82**
11739.00500	**500 ml**	**78,31**
11739.01000	**1.000 ml**	**151,28**
11739.02500	**2.500 ml**	**340,50**

02. Staining kits

Staining Kit: PAS-M Staining after JONES

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Kit: Silver Methenamin Borax, Artikel-Nr.:12512
- Periodic Acid 0.5 %, Artikel-Nr.:11167
- Goldchloride 0.2 %, Artikel-Nr.:11296
- Sodium Thiosulfate 3 %, Artikel-Nr.:12028
- Seed red 0,1 %, Artikel-Nr.:10264
- Semicarbazid Solution 0.5 %, Artikel-Nr.:17263

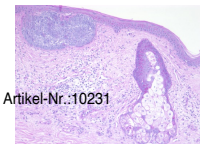
Staining of basement membranes in kidneys

The JONES silver methenamine staining kit (PAS-M) is used for selective highlighting of cell structures and tissue components in renal biopsies. The combination of silver methenamine, periodic acid-Schiff stain and other chemicals provides highly sensitive staining to aid in the diagnosis of renal diseases such as glomerulonephritis.

Order-No.:	Amount:	Price:
17254.00100	**100 ml**	**152,56**
17254.00250	**250 ml**	**289,83**
17254.00500	**500 ml**	**614,84**
17254.01000	**1.000 ml**	**947,96**

Staining Kit: PAS-Reaction

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Periodic Acid 1 %, Artikel-Nr.:11415
- SCHIFF's Reagent, Artikel-Nr.:11686
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231

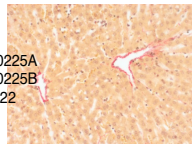
Differentiation of mucopolysaccharides

The PAS Reaction Staining Kit enables efficient staining of aldehyde groups in tissue samples and is suitable for visualization of glycogen, mucopolysaccharides and proteoglycans. It contains 1.0% periodic acid, Schiff reagent for magenta staining and Mayer's acidic hematoxylin for visualization of cell nuclei in blue.

Order-No.:	Amount:	Price:
12153.00100	**100 ml**	**32,43**
12153.00250	**250 ml**	**49,20**
12153.00500	**500 ml**	**86,71**
12153.01000	**1.000 ml**	**137,81**
12153.02500	**2.500 ml**	**306,97**

Staining Kit: Picro-Sirius Red for Collagen I & III Detection

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Picro-Sirius Red Solution, Artikel-Nr.:13422
- Acetic Acid 30 %, Artikel-Nr.:13428
- Acetic Acid 30 %, Artikel-Nr.:13428

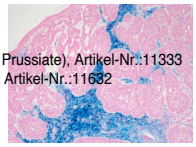
Staining of tissue samples

The Picro-Sirius Red Staining Kit enables precise visualization and differentiation of collagen type I and type III in histological preparations of various tissues and organs. The staining also allows improved differentiation of muscle tissue and cytoplasm as well as additional nuclear staining.

Order-No.:	Amount:	Price:
13425.00100	**100 ml**	**54,09**
13425.00250	**250 ml**	**70,38**
13425.00500	**500 ml**	**133,11**
13425.01000	**1.000 ml**	**258,40**
13425.02500	**2.500 ml**	**595,72**

Staining Kit: Prussian Blue [Iron(III) Detection]

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Potassium Ferrocyanide (II) 5 % (Yellow Prussiate), Artikel-Nr.:11333
- Hydrochloric Acid 5 % for Iron Detection, Artikel-Nr.:11632
- Seed red 0,1 %, Artikel-Nr.:10264

Iron detection

The Berlinerblau staining kit is used for the histological examination of tissue samples where the detection of ferric ions is important. The method, also known as Perl's Prussian Blue or Turnbull's Blue, provides high sensitivity and selectivity in the detection of iron deposition in tissues associated with diseases such as hemochromatosis or hemosiderosis. Counterstaining with hematoxylin can be used to improve visualization of cellular structures.

Order-No.:	Amount:	Price:
11097.00100	**100 ml**	**50,51**
11097.00250	**250 ml**	**76,82**
11097.00500	**500 ml**	**134,25**
11097.01000	**1.000 ml**	**259,44**
11097.02500	**2.500 ml**	**595,99**

Staining Kit: Resorcin-Fuchsin with Thiazin Red in Picric Acid

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Resorcin-Fuchsin, alcoholic acc. to WEIGERT, Artikel-Nr.:10354
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Thiazine Red - Picric Acid Solution, Artikel-Nr.:12648

Dyeing elastic fibers

The resorcinol fuchsin thiazine red picric acid staining kit is a modified staining method for visualizing different types of tissue. It stains elastic fibers black, muscle tissue yellow, and collagenous connective tissue red. The use of thiazine red increases the reproducibility and precision of the results.

Order-No.:	Amount:	Price:
11088.00100	**100 ml**	**47,75**
11088.00250	**250 ml**	**66,46**
11088.00500	**500 ml**	**127,48**
11088.01000	**1.000 ml**	**245,85**
11088.02500	**2.500 ml**	**562,74**

Staining Kit: ROQUE's Trichrome Staining (CAB)

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- Phosphomolybdic acid 1 %, Artikel-Nr.:10306
- Chromotrope Aniline Blue Solution, Artikel-Nr.:13053
- WEIGERT stock solution B, Artikel-Nr.:10225B

Staining of tissue samples

The Trichrome according to ROQUE (CAB) staining kit is used for visualization of collagenous connective tissue and differentiation of cytoplasm and muscle tissue. It is used to detect Mallory bodies in liver tissue and is based on acid dyes and polyacids. The application can give different results depending on the specific application.

Order-No.:	Amount:	Price:
18194.00100	**100 ml**	**76,61**
18194.00250	**250 ml**	**120,60**
18194.00500	**500 ml**	**240,78**
18194.01000	**1.000 ml**	**470,54**

Staining Kit: Safranin - Lightgreen for Cartilages

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Light Green 0.2 % (GOLDNER III), Artikel-Nr.:10267
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Safranin O 0.1 %, aqueous, Artikel-Nr.:12382

Bacteria / sperm staining

The Safranin light green staining kit is designed for the histological examination of cartilage tissue and allows differentiated visualization of cartilage structures and extracellular matrix. It is particularly useful for the study of articular cartilage and degenerative joint diseases such as osteoarthritis. The kit contains Safranin O solution and Light Green solution for an effective and easy-to-use staining method.

Order-No.:	Amount:	Price:
12287.00100	**100 ml**	**29,68**
12287.00250	**250 ml**	**41,45**
12287.00500	**500 ml**	**75,45**
12287.01000	**1.000 ml**	**145,79**
12287.02500	**2.500 ml**	**327,60**

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02. Staining kits

Staining Kit: SHOOBRIDGE's Polychrome Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Ammonium Iron (III) Sulfate with Glycerine, Artikel-Nr.:15535
- Hematoxylin after LILLIE, Artikel-Nr.:15541
- Hydrochloric acid Alcohol (1 % / 70 %), Artikel-Nr.:10372
- Naphthol Yellow 1 %, Artikel-Nr.:15547
- Phosphortungstic Acid - Orange G (C), Artikel-Nr.:15768
- Phosphortungstic Acid - Acid Fuchsine, Artikel-Nr.:15774
- Phosphortungstic Acid - Methylene Blue, Artikel-Nr.:15780

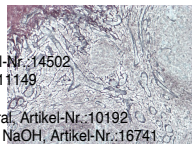
Staining of tissue samples

The SHOOBRIGDE polychrome staining kit is an instrument for in vitro diagnostics and visualization of tissue structures such as collagen. It is suitable for research in biology, histology and related disciplines. The staining process combines different chemical solutions to achieve differentiated color shades and brightnesses that contribute to the analysis of the structures under investigation.

Order-No.:	Amount:	Price:
15786.00100	**100 ml**	**44,47**
15786.00250	**250 ml**	**83,99**
15786.00500	**500 ml**	**163,93**
15786.01000	**1.000 ml**	**315,94**
15786.02500	**2.500 ml**	**727,47**

Staining Kit: Silver Impregnation after BIELSCHOWSKY

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Potassium Permanganate 0.25 %, Artikel-Nr.:14502
- Potassium Metabisulfite 2 %, Artikel-Nr.:11149
- Silver Nitrate 2 %, Artikel-Nr.:11183
- Formalin 4 %, carbonate buffer, pH neutral, Artikel-Nr.:10192
- Kit: Silver Nitrate 5 % with Ammonia and NaOH, Artikel-Nr.:16741
- Goldchloride 0.1 %, Artikel-Nr.:11134
- Sodium Thiosulfate 5 %, Artikel-Nr.:10288

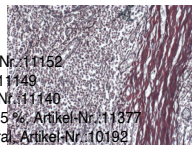
Dyeing reticuline fibers

Bielschowsky silver impregnation is an important tool for histological analysis, especially in neurology. The method uses silver nitrate to visualize neurofibrils and fibers and allows for detailed imaging that can be used for the study of disease states and research.

Order-No.:	Amount:	Price:
16736.00100	**100 ml**	**134,76**
16736.00250	**250 ml**	**208,79**
16736.00500	**500 ml**	**423,53**
16736.01000	**1.000 ml**	**815,18**

Staining Kit: Silver Impregnation after GOMORI

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Potassium Permanganate 0.5 %, Artikel-Nr.:11152
- Potassium Metabisulfite 2 %, Artikel-Nr.:11149
- Ammonium Iron (III) Sulfate 2 %, Artikel-Nr.:11140
- Kit: FONTANA MASSON's Silver Nitrate 5 %, Artikel-Nr.:11377
- Formalin 4 %, carbonate buffer, pH neutral, Artikel-Nr.:10192
- Goldchloride 0.1 %, Artikel-Nr.:11134
- Sodium Thiosulfate 1 %, Artikel-Nr.:11155

Staining of tissue samples

The Gomori silver plating kit is a staining kit for visualization of reticulum fibers and identification of fungal infections in histological specimens. It contains various components that prepare the tissue structure, bind silver ions to cell structures and improve the staining result. The method is particularly valuable in diagnostics and research as it enables highly specific imaging and effectively identifies fungal infections.

Order-No.:	Amount:	Price:
11104.00100	**100 ml**	**159,97**
11104.00250	**250 ml**	**213,94**
11104.00500	**500 ml**	**431,88**
11104.01000	**1.000 ml**	**834,19**

Staining Kit: Silver Method after CAMPBELL-SWITZER

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Horn softener for histology, Artikel-Nr.:14835
- Citric Acid 1 %, Artikel-Nr.:16827
- Acetate buffer pH 4.99 (stock solution), Artikel-Nr.:16859
- Sodium Thiosulfate 1 %, Artikel-Nr.:11155
- Kit: Silver Pyridine Carbonate acc. to CAMPBELL-SWITZER, Artikel-Nr.:16898
- Developing Solution for CAMPBELL-SWITZER Staining, Artikel-Nr.:16903

Neurofibril staining

The Campbell-Switzer silvering staining kit is used in neuropathology to visualize Alzheimer's disease-specific changes. It allows selective silver staining of amyloid plaques and neurofibrillary bundles, contributing to the diagnosis and understanding of neurodegenerative diseases.

Order-No.:	Amount:	Price:
16854.00100	**100 ml**	**78,32**
16854.00250	**250 ml**	**88,72**
16854.00500	**500 ml**	**175,35**
16854.01000	**1.000 ml**	**336,43**

Staining Kit: Silver-Methenamine after GOMORI

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Kit: Silver Methenamin Borax, Artikel-Nr.:12512
- Periodic Acid 1 %, Artikel-Nr.:11415
- Goldchloride 0.1 %, Artikel-Nr.:11134
- Sodium Thiosulfate 2 %, Artikel-Nr.:11158
- Light Green 0.2 % (GOLDNER III), Artikel-Nr.:10267

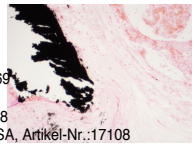
Staining of tissue samples

The Gomori Silver Methenamine Staining Kit is a kit for staining and counterstaining cell structures and tissue components, especially basement membranes and fibrils. It contains all necessary reagents and is widely used in renal biopsies for the examination of glomerular basement membranes and diagnosis of renal diseases. Optimal results require careful control of staining conditions.

Order-No.:	Amount:	Price:
14753.00100	**100 ml**	**138,39**
14753.00250	**250 ml**	**201,46**
14753.00500	**500 ml**	**270,56**
14753.01000	**1.000 ml**	**520,99**

Staining Kit: Silvering after KOSSA (KRUTSAY)

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Silver Nitrate 5 %, Artikel-Nr.:10375
- Kit: FARMER's Reducer, Artikel-Nr.:16769
- Seed red 0,1 %, Artikel-Nr.:10264
- Sodium Thiosulfate 5 %, Artikel-Nr.:10288
- Sodium Carbonate Formaline after KOSSA, Artikel-Nr.:17108

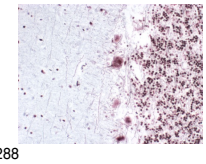
Neurofibril staining

The staining kit: silvering according to von KOSSA (KRUTSAY) is used in in vitro diagnostics to visualize calcium deposits. Main ingredient silver nitrate specifically silverplates calcium deposits, while sodium carbonate formalin and FARMER attenuating solution contribute to fixation, stabilization and intensity adjustment. The kit provides detailed, high-contrast imaging for effective analysis.

Order-No.:	Amount:	Price:
16764.00100	**100 ml**	**120,16**
16764.00250	**250 ml**	**163,00**
16764.00500	**500 ml**	**258,32**
16764.01000	**1.000 ml**	**500,74**

Staining Kit: Silverstaining after BODIAN

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Protargol S, Artikel-Nr.:00235
- Copper sheet, Artikel-Nr.:01756
- Hydroquinone 1 %, Artikel-Nr.:11143
- Goldchloride 0.1 %, Artikel-Nr.:11134
- Oxalic Acid 2 % , Artikel-Nr.:12704
- Sodium Thiosulfate 5 %, Artikel-Nr.:10288
- Kit: Silver Enhancer for BODIAN's Silver Staining, Artikel-Nr.:16893

Neurofibril staining

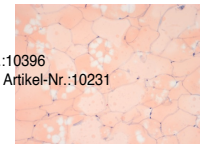
The BODIAN silver plating staining kit is a reliable tool for in vitro diagnostics to selectively visualize neurofibrils. The Protargol S component interacts with neuronal structures, which are visualized in black in microscopic sections. The kit enables high quality and high contrast images for effective analysis and investigation.

Order-No.:	Amount:	Price:
16754.00100	**100 ml**	**208,43**
16754.00250	**250 ml**	**480,23**
16754.00500	**500 ml**	**782,79**
16754.01000	**1.000 ml**	**1515,85**

02. Staining kits

Staining Kit: Sudan III Fat Staining

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Sudan III, alcoholic (original), Artikel-Nr.:10396
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231

Fat detection

The Sudan III staining kit for fat staining is a staining solution for the identification and visualization of lipids in tissue sections and cells in histology and cytology. It is based on the lipophilic dye Sudan III, which stains neutral lipids and lipoproteins intensely red, and is particularly useful in the study of adipose tissue and fat-related diseases.

Order-No.:	Amount:	Price:
11101.00100	**100 ml**	**17,18**
11101.00250	**250 ml**	**40,21**
11101.00500	**500 ml**	**48,63**
11101.01000	**1.000 ml**	**93,47**

Staining Kit: Sulfated Alcian Blue (SAB) Stain

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Kit: SAB (Sulfated Alcian Blue) Solution, Artikel-Nr.:11551
- Picric Acid, saturated in Ethanol, Artikel-Nr.:10336
- Borax Solution, alcoholic saturated, Artikel-Nr.:16277
- WEIGERT stock solution A, Artikel-Nr.:10225A
- Van GIESON's Picrofuchsin, Artikel-Nr.:11486
- Acetic Acid in Ethanol (10 % / 50 %), Artikel-Nr.:13265
- WEIGERT stock solution B, Artikel-Nr.:10225B

Detection of mucopolysaccharides

The Sulfate Alcian Blue Staining Kit is designed for visualization of mucopolysaccharides in histological applications, in vitro diagnostics and scientific laboratories. It consists of various components that provide a comprehensive staining solution. It can be used to identify and differentiate connective tissue, cartilage and mucin-producing cells, which is critical for accurate diagnosis and research in histopathology and related fields.

Order-No.:	Amount:	Price:
17967.00100	**100 ml**	**95,60**
17967.00250	**250 ml**	**127,70**
17967.00500	**500 ml**	**253,13**
17967.01000	**1.000 ml**	**489,22**

Staining Kit: SZCZEPANIK's Staining for Smears

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- SZCZEPANIK's Hematoxylin (Cyto Fast Staining), Artikel-Nr.:14703
- SZCZEPANIK Polychrome Solution (Cytological Rapid Staining), Artikel-Nr.:14697

Staining of smear preparations

SZCZEPANIK staining kit is a rapid cytological staining method used in medical diagnostics for the assessment of hormonal status, vaginal flora and early detection of female genital carcinomas. The specific composition enables rapid, uniform and high-contrast staining of cell structures.

Order-No.:	Amount:	Price:
14709.00100	**100 ml**	**36,57**
14709.00250	**250 ml**	**54,16**
14709.00500	**500 ml**	**80,66**
14709.01000	**1.000 ml**	**126,62**
14709.02500	**2.500 ml**	**282,79**

Staining Kit: TB Staining (cold) after ZIEHL-NEELSEN

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- MucoFlutol, Artikel-Nr.:12097
- Carbol-Fuchsin after ZIEHL-NEELSEN (cold Staining), Artikel-Nr.:13070
- Hydrochloric Acid in Ethanol (3 % / 90 %), Artikel-Nr.:12255
- Malachite Green-Oxalate, Artikel-Nr.:12249

Tuberculosis detection

The Ziehl-Neelsen TB Staining Kit (cold) is an alternative method for the diagnosis of tuberculosis and other infections caused by acid-fast bacteria such as Mycobacterium tuberculosis. It does not require heating of the sample and contains optimized reagents for precise staining of tissue samples important for diagnostics and research.

Order-No.:	Amount:	Price:
12243.00100	**100 ml**	**29,84**
12243.00250	**250 ml**	**45,49**
12243.00500	**500 ml**	**84,80**
12243.01000	**1.000 ml**	**163,19**
12243.02500	**2.500 ml**	**367,59**

Staining Kit: TB Staining (hot) after ZIEHL-NEELSEN

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Carbol-Fuchsin after ZIEHL-NEELSEN (hot Staining), Artikel-Nr.:12246
- Hydrochloric Acid in Ethanol (3 % / 90 %), Artikel-Nr.:12255
- Methylene Blue after LÖFFLER, Artikel-Nr.:11424

Tuberculosis detection

The TB staining kit (hot) according to Ziehl-Neelsen is used for the detection of acid-fast mycobacteria such as Mycobacterium tuberculosis. It contains components such as carbolfuchsin, acid decolorizing solution and hemalaun counterstain for efficient staining of tissue samples and facilitates the diagnosis of tuberculosis and other infections caused by acid-fast bacteria.

Order-No.:	Amount:	Price:
12240.00100	**100 ml**	**28,41**
12240.00250	**250 ml**	**37,79**
12240.00500	**500 ml**	**67,85**
12240.01000	**1.000 ml**	**131,16**
12240.02500	**2.500 ml**	**293,23**

Staining Kit: TB-Staining with Auramin-Rhodamin

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Auramine-Rhodamine Solution, Artikel-Nr.:12907
- Hydrochloric Acid in Ethanol (0.4 % / 70 %), Artikel-Nr.:14179
- Potassium Permanganate 0.5 %, Artikel-Nr.:11152

Bacteria / sperm staining

The TB staining kit with auramine-rhodamine enables microscopic identification of mycobacteria such as tuberculosis pathogens. The fluorescent staining method is sensitive and efficient, with auramine and rhodamine binding to mycolic acids to visualize the bacteria under UV light. Hydrochloric acid alcohol solution and potassium permanganate enhance visualization and background fluorescence.

Order-No.:	Amount:	Price:
15460.00100	**100 ml**	**33,14**
15460.00250	**250 ml**	**51,39**
15460.00500	**500 ml**	**96,14**
15460.01000	**1.000 ml**	**185,58**

Staining Kit: Trichrome for elastic tissues

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Picric acid sublimate solution, Artikel-Nr.:18480
- Kit: VERHOEFF's Staining Solution, Artikel-Nr.:10402
- Acid Yellow 1 % , Artikel-Nr.:18485
- Biebrich's solution, Artikel-Nr.:18475
- Phosphortungstic Acid 2 %, Artikel-Nr.:10321
- Light Green 2 %, Artikel-Nr.:11270
- Acetic Acid 5 %, Artikel-Nr.:11727

Dyeing elastic fibers

Trichrome staining kit for elastic fibers is used in histology, in vitro diagnostics and scientific laboratories. It contains picric acid sublimate, Verhöff staining solution, acid yellow, Biebrich solution, phosphotungstic acid, light green and acetic acid. These components play specific roles in staining reactions and allow differentiation of various tissue structures under the microscope.

Order-No.:	Amount:	Price:
18490.00100	**100 ml**	**156,59**
18490.00250	**250 ml**	**289,62**
18490.00500	**500 ml**	**586,19**
18490.01000	**1.000 ml**	**1135,34**
18490.02500	**2.500 ml**	**2678,44**

02. Staining kits

Staining Kit: Van GIESON's after HANSEN

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Hydrochloric acid Alcohol (1 % / 70 %), Artikel-Nr.:10372
- HANSEN's Picric Fuchsine, Artikel-Nr.:10345

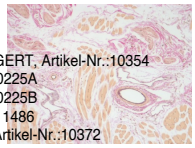
Staining of tissue samples

The Van Gieson staining kit according to Hansen is a histological staining kit for the differentiation of collagen fibers and muscle tissue in histological sections. It is based on Weigert's iron hematoxylin and picrofuchsin according to Hansen and is used in histopathology, research and diagnostics.

Order-No.:	Amount:	Price:
11099.00100	**100 ml**	**30,75**
11099.00250	**250 ml**	**44,52**
11099.00500	**500 ml**	**81,84**
11099.01000	**1.000 ml**	**158,08**
11099.02500	**2.500 ml**	**356,48**

Staining Kit: Van GIESON's Elastica (EvG)

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Resorcin-Fuchsin, alcoholic acc. to WEIGERT, Artikel-Nr.:10354
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B
- Van GIESON's Picrofuchsin, Artikel-Nr.:11486
- Hydrochloric acid Alcohol (1 % / 70 %), Artikel-Nr.:10372

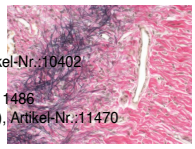
Dyeing elastic fibers

The Elastica staining kit according to van Gieson is intended for professional users in histology and pathology and contains staining solutions for the precise visualization of elastic fibers, collagen fibers and cell nuclei in histological specimens. The solutions included are resorcinol-fuchsin, Weigert stock solution A and B, van Gieson picrofuchsin solution and 1 % hydrochloric acid alcohol.

Order-No.:	Amount:	Price:
12739.00100	**100 ml**	**36,51**
12739.00250	**250 ml**	**56,62**
12739.00500	**500 ml**	**105,82**
12739.01000	**1.000 ml**	**204,94**
12739.02500	**2.500 ml**	**467,89**

Staining Kit: Verhoeff - van Gieson (VVG Elastica)

Lagerung: *siehe Einzelprodukte*



Components of this kit:
- Kit: VERHOEFF's Staining Solution, Artikel-Nr.:10402
- Iron(III) Chloride 1 %, Artikel-Nr.:10174
- Van GIESON's Picrofuchsin, Artikel-Nr.:11486
- Ethanol 96 %, denatured (MEK/IPA/BTX), Artikel-Nr.:11470

Dyeing elastic fibers

The VVG Elastica staining kit is a histological tool for the examination of elastic fibers, collagen and muscle tissue in tissue sections. It consists of four main components and allows the differentiation of elastic fibers and other tissues to provide important information on structure and pathology. It is used in clinical diagnostics and research.

Order-No.:	Amount:	Price:
18553.00100	**100 ml**	**58,88**
18553.00250	**250 ml**	**80,26**
18553.00500	**500 ml**	**156,05**
18553.01000	**1.000 ml**	**301,03**
18553.02500	**2.500 ml**	**690,23**

Staining Kit: Victoria Blue for HBsAg-Detection

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Potassium Permanganate Sulfuric Acid (C) acc. to GORDON & SWEET, Artikel-Nr.:10237
- Sodium disulphite / sodium metabisulphite 4 %, Artikel-Nr.:10252
- Ethanol 70 %, denatured (MEK/IPA/BTX), Artikel-Nr.:12089
- Victoria Blue Stock Solution, Artikel-Nr.:10282
- Seed red 0,1 %, Artikel-Nr.:10264

Detection of hepatitis B antigen

The Staining Kit: Victoria Blue Stain for Hepatitis B Antigen is an instrument for the identification of hepatitis B antigen in medical and scientific settings. The interaction of various chemical components produces a specific reaction that makes the antigen visible under the microscope. Accuracy and sensitivity depend on the chemicals involved.

Order-No.:	Amount:	Price:
10261.00100	**100 ml**	**64,35**
10261.00250	**250 ml**	**76,45**
10261.00500	**500 ml**	**130,88**
10261.01000	**1.000 ml**	**254,15**
10261.02500	**2.500 ml**	**584,17**

Staining Kit: WARTHIN-STARRY for Heliobacter pylori

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Silver Nitrate 1 %, Artikel-Nr.:11180
- Kit: Developer Solution for WARTHIN-STARRY Silver Staining, Artikel-Nr.:13324
- Sodium Thiosulfate 5 %, Artikel-Nr.:10288

Heliobacter pylori stain

The WARTHIN-STARRY staining kit is used to indicate Helicobacter pylori in histological specimens. Silver staining allows clear differentiation of Helicobacter pylori from other structures and microorganisms based on their chemical functioning. The kit provides high sensitivity and selectivity for effective diagnosis and treatment of gastric ulcers and gastric cancer.

Order-No.:	Amount:	Price:
13327.00100	**100 ml**	**45,86**
13327.00250	**250 ml**	**51,99**
13327.00500	**500 ml**	**98,64**
13327.01000	**1.000 ml**	**189,54**

Staining Kit: WARTHIN-STARRY for Spirochaeten & Bacillus piliformis

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Acetate Buffer pH 3.6, Artikel-Nr.:13330
- Silver Nitrate 1 %, buffered, Artikel-Nr.:13345
- Kit: Developer Solution, buffered for WARTHIN-STARRY Silver Staining, Artikel-Nr.:13361
- Sodium Thiosulfate 5 %, Artikel-Nr.:10288

Staining Spirochaetes & Bacillus piliformis

The WARTHIN-STARRY staining kit is used for the selective staining of Spirochaetes and Bacillus piliformis in histological specimens. The staining is based on the reduction of silver nitrate and offers high sensitivity and selectivity in the visualization of these bacteria. It allows reliable diagnosis of infections and supports targeted treatment of diseases.

Order-No.:	Amount:	Price:
13339.00100	**100 ml**	**63,85**
13339.00250	**250 ml**	**85,84**
13339.00500	**500 ml**	**166,36**
13339.01000	**1.000 ml**	**321,78**

Staining Kit: ZIEHL-NEELSEN with Hematoxyline Counterstain

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Carbol-Fuchsin after ZIEHL-NEELSEN (hot Staining), Artikel-Nr.:12246
- Hematoxylin acid according to MAYER, Artikel-Nr.:10231
- Hydrochloric Acid in Ethanol (3 % / 90 %), Artikel-Nr.:12255

Tuberculosis detection

The Ziehl-Neelsen staining kit with hemalaun counterstain is a combination of staining methods for identifying acid-fast bacteria such as Mycobacterium tuberculosis in specimens. The method uses carbol fuchsin solution, acid decolorization solution and hemalaun solution to show acid-fast bacteria in red and cell nuclei in blue. It is important for the diagnosis of tuberculosis and other infections.

Order-No.:	Amount:	Price:
12237.00100	**100 ml**	**25,52**
12237.00250	**250 ml**	**35,37**
12237.00500	**500 ml**	**66,05**
12237.01000	**1.000 ml**	**130,84**

03. Staining solutions

Acetic Acid Red 249

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Acid Red 249 (C.I.: 18134)

Staining of tissue samples

Nuclear Ruby 0.1% with Acetic Acid 1% is a chemical solution used in medical diagnostics, histology and scientific laboratories. It enables specific staining of cell nuclei and distinguishes them from other cell structures by effectively binding to cellular components. This staining can be used for diagnostic purposes or to study cell morphology.

Order-No.:	Amount:	Price:
18113.00100	**100 ml**	**58,42**
18113.00250	**250 ml**	**135,53**
18113.00500	**500 ml**	**381,72**
18113.01000	**1.000 ml**	**493,70**
18113.02500	**2.500 ml**	**1152,93**

Acid Black Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Pontacyl Blue Black 10 B (C.I.: 20470)
- Potassium dichromate

Staining of tissue samples

Pontacyl Blue Black 10 B is a synthetic dye for staining cell structures in histology and cytology. In combination with potassium dichromate, it allows clear delineation of different cell structures and is particularly suitable for staining proteins, nucleic acids and membrane proteins. Potassium dichromate improves staining intensity and stability.

Order-No.:	Amount:	Price:
10348.00100	**100 ml**	**25,24**
10348.00250	**250 ml**	**33,10**
10348.00500	**500 ml**	**58,39**
10348.01000	**1.000 ml**	**72,75**
10348.02500	**2.500 ml**	**147,83**

Acid fuchsin ponceau (GOLDNER I)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ponceau 2 R (C.I.: 16150)
- Acid Fuchsine (C.I.: 42685)

Staining of tissue samples

Acid fuchsin-ponceau solution (GOLDNER I) is a dye combination in histology used for differential visualization of tissue components. It stains cell plasma and extracellular components red, while Weigert's iron hematoxylin stains cell nuclei blue-black and light green or aniline blue stains connective tissue. This combination allows clear assessment of cellular structures and histological findings.

Order-No.:	Amount:	Price:
10366.00100	**100 ml**	**18,90**
10366.00250	**250 ml**	**23,02**
10366.00500	**500 ml**	**35,05**
10366.01000	**1.000 ml**	**43,97**
10366.02500	**2.500 ml**	**83,68**

Acid Fuchsine - Erythrosine Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acid Fuchsine (C.I.: 42685)
- Erythrosine B (bluish) (C.I.: 45430)

Staining of tissue samples

Acid fuchsin-erythrosine solution is used in histology and meat industry, especially for Charvat trichrome staining. It helps to contrast differences between muscle meat and connective tissue, as acid fuchsin stains collagen fibers and muscle tissue dark purple, while erythrosin B stains cytoplasm pink. This facilitates quality control of meat products.

Order-No.:	Amount:	Price:
14526.00100	**100 ml**	**17,41**
14526.00250	**250 ml**	**32,25**
14526.00500	**500 ml**	**50,35**
14526.01000	**1.000 ml**	**95,27**
14526.02500	**2.500 ml**	**207,32**

Acid Fuchsine - Orange G

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acid Fuchsine (C.I.: 42685)
- Orange G (C.I.: 16230)
- Acetic acid 99%

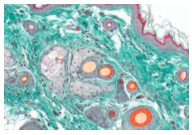
Staining of tissue samples

The combination of acid fuchsin and Orange G enables differential staining to distinguish different tissue structures such as cytoplasm and muscle fibers in shades of red. This staining method is used in histological protocols such as CROSSMON's trichrome staining or Goldner's trichrome staining.

Order-No.:	Amount:	Price:
12180.00250	**250 ml**	**27,23**
12180.00500	**500 ml**	**37,19**
12180.01000	**1.000 ml**	**67,70**
12180.02500	**2.500 ml**	**140,10**

Acid Fuchsine - Ponceau Azophloxine

Lagerung: *15 … 25 °C*



Relevant Incredients:
- Ponceau 2 R (C.I.: 16150)
- Acid Fuchsine (C.I.: 42685)
- Red 2G (Acid Red 1) (C.I.: 18050)

Staining of tissue samples

Acid fuchsin-ponceau-azophloxin is a staining solution in histology consisting of the dyes acid fuchsin, ponceau de xylidine and azophloxin. It enables the differentiated visualization of various tissue components in histological preparations and is a component of trichrome stains.

Order-No.:	Amount:	Price:
11267.00100	**100 ml**	**15,43**
11267.00250	**250 ml**	**19,45**
11267.00500	**500 ml**	**25,10**
11267.01000	**1.000 ml**	**38,45**
11267.02500	**2.500 ml**	**73,33**

Acid Fuchsine 1 % (MASSON A)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acid Fuchsine (C.I.: 42685)

Staining of tissue samples

Acid fuchsin 1% (Masson A) is a synthetic acid dye used in Masson trichrome staining for staining cytoplasmic structures, muscle tissue and erythrocytes. This multistage staining method is widely used to examine connective tissue, muscle and other tissue components in histological specimens.

Order-No.:	Amount:	Price:
10357.00100	**100 ml**	**16,99**
10357.00250	**250 ml**	**22,90**
10357.00500	**500 ml**	**33,48**
10357.01000	**1.000 ml**	**50,36**
10357.02500	**2.500 ml**	**101,17**

03. Staining solutions

Acid Yellow 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- (C.I.: 18965)

Staining of tissue samples

Acid Yellow 1% is a staining solution for in vitro diagnostics that stains tissue samples and increases the visibility of certain cell structures. The solution consists of acid yellow 17, acetic acid and aqua dist./VE water and improves the efficiency and accuracy of histological and cytological examinations.

Order-No.:	Amount:	Price:
18485.00100	**100 ml**	**56,39**
18485.00250	**250 ml**	**78,92**
18485.00500	**500 ml**	**100,97**
18485.01000	**1.000 ml**	**199,54**

Acidic Methylene Blue (for Bacteria Staining)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)

Bacteria / sperm staining

Methylene blue solution with acetic acid is a staining solution for bacterial staining in microscopy. It consists of methylene blue, which stains bacterial cells, and acetic acid, which serves as a fixative and decolorizer. This method is particularly suitable for the study of bacterial morphology and allows easy identification and differentiation of various bacterial species under the microscope.

Order-No.:	Amount:	Price:
12252.00100	**100 ml**	**16,17**
12252.00250	**250 ml**	**18,80**
12252.00500	**500 ml**	**21,49**
12252.01000	**1.000 ml**	**37,10**

Acridin Orange 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acridine Orange (C.I.: 46005)

Staining of tissue samples

Acridine orange 1% aqueous is a solution of acridine orange and aqua dest used in medical diagnostics, histology and scientific laboratories. By binding to DNA and RNA, it allows specific fluorescent staining, with DNA appearing green and RNA appearing red. This facilitates the identification and differentiation of cell types and structures.

Order-No.:	Amount:	Price:
18216.00100	**100 ml**	**27,13**
18216.00250	**250 ml**	**30,36**
18216.00500	**500 ml**	**51,80**
18216.01000	**1.000 ml**	**80,21**

Acridine orange 0.2 % with ammonia

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acridine Orange (C.I.: 46005)
- Ammonium hydroxide 25%

Staining of tissue samples

Acridine Orange 0.2% with Ammonia is a fluorescent solution mainly used as an in vitro diagnostic, in histology and in scientific laboratories. It is composed of ultrapure water, acridine orange and ammonia and enables the differentiation between living and dead cells and the detection of cell structure changes by fluorescence microscopy.

Order-No.:	Amount:	Price:
18603.00100	**100 ml**	**16,08**
18603.00250	**250 ml**	**18,89**
18603.00500	**500 ml**	**24,47**
18603.01000	**1.000 ml**	**38,09**
18603.02500	**2.500 ml**	**73,35**

Acridine Red Solution after EMIG

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chrysoidine G (C.I.: 11270)
- Acridine Red (C.I.: 45000)
- Aluminium ammonium sulphate dodecahydrate p. A.
- Acetic acid 99%

Staining of tissue samples

The aqueous acridine red solution according to EMIG is used in microscopy for staining bacteria, fungi and microorganisms. It contains chrysoidin G, acridine red, aluminum ammonium sulfate dodecahydrate and acetic acid and enables differentiated staining with chemical stability and compatibility with sample materials.

Order-No.:	Amount:	Price:
13014.00100	**100 ml**	**58,89**
13014.00250	**250 ml**	**89,63**
13014.00500	**500 ml**	**140,90**
13014.01000	**1.000 ml**	**274,60**

Acridine Red Solution, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acridine Red (C.I.: 45000)
- Acetic acid 99%
- Ethyl alcohol

Staining of tissue samples

Acridine red solution is a specialized staining agent used in histology and pathology to highlight acidic structures such as nucleic acids, nucleoproteins, and cell nuclei. Its chemical interaction with target structures allows for detailed and precise visualization of tissue sections and cellular structures. Its ethanol and acetic acid base ensures effective penetration and staining.

Order-No.:	Amount:	Price:
12793.00100	**100 ml**	**64,42**
12793.00250	**250 ml**	**105,52**
12793.00500	**500 ml**	**173,47**
12793.01000	**1.000 ml**	**338,16**

Acriflavine Solution, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acriflavin HCl (C.I.: 46000)
- Acetic acid 99%

Staining of tissue samples

Acriflavine solution is used as a staining agent in histology and pathology because it has specific staining properties and is suitable for various tissue structures. It is also used to treat bacterial skin infections, fin rot and fungal infections in koi carp.

Order-No.:	Amount:	Price:
12790.00100	**100 ml**	**19,99**
12790.00250	**250 ml**	**24,20**
12790.00500	**500 ml**	**30,82**
12790.01000	**1.000 ml**	**55,56**
12790.02500	**2.500 ml**	**112,03**

03. Staining solutions

Alcian blue 0,5 % (pH 2,5 with acetic acid)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Alcian blue 8GS (C.I.: 74240)

Detection of mucopolysaccharides

Alcian Blue 0.5% (pH 2.5 with acetic acid) is a staining solution used in histology and medical diagnostics to visualize and characterize acidic mucopolysaccharides, proteoglycans and glycosaminoglycans in tissue samples. It provides selective binding to acidic polysaccharides and glycoproteins through electrostatic interactions.

Order-No.:	Amount:	Price:
13587.00100	**100 ml**	**22,90**
13587.00250	**250 ml**	**36,32**
13587.00500	**500 ml**	**58,53**
13587.01000	**1.000 ml**	**108,57**

Alcian Blue 0.1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alcian blue 8GS (C.I.: 74240)
- Acetic acid 99%

Detection of mucopolysaccharides

Alcian Blue 0.1% (pH 2.5 with acetic acid) is a histological staining solution used for the detection of acidic mucopolysaccharides and acidic glycoproteins in tissue sections. It allows differential staining of these structures and is often used in combination with other stains to aid in the diagnosis and investigation of diseases such as inflammation or tumors.

Order-No.:	Amount:	Price:
11490.00250	**250 ml**	**21,81**
11490.00500	**500 ml**	**31,55**
11490.01000	**1.000 ml**	**56,70**

Alcian Blue 0.2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alcian blue 8GS (C.I.: 74240)
- Acetic acid 99%

Detection of mucopolysaccharides

Alcian Blue 0.2 % (pH 2.5 with acetic acid) is a staining solution in histology and cytology for selective staining of acidic mucopolysaccharides and glycosaminoglycans in tissue samples. It is used especially for connective tissue, cartilage and mucosa and helps to assess tissue function, structure and possible diseases.

Order-No.:	Amount:	Price:
11836.00100	**100 ml**	**24,52**
11836.00250	**250 ml**	**27,99**
11836.00500	**500 ml**	**37,81**
11836.01000	**1.000 ml**	**68,87**

Alcian Blue 0.5 % (pH 2,6 with Acetic Acid)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Alcian blue 8GS (C.I.: 74240)

Detection of mucopolysaccharides

Alcian Blue 0.5% (pH 2.6 with acetic acid) is used in histology to stain acidic mucins and sulfated glycosaminoglycans. By adjusting the pH, the dye Alcian Blue 8GS binds specifically to these structures and produces a cyan stain that allows detailed examination and contributes to the diagnosis of various diseases.

Order-No.:	Amount:	Price:
10213.00100	**100 ml**	**23,81**
10213.00250	**250 ml**	**37,72**
10213.00500	**500 ml**	**60,76**
10213.01000	**1.000 ml**	**112,43**
10213.02500	**2.500 ml**	**243,14**

Alcian blue 1 % (pH 2,5 in acetic acid)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alcian blue 8GS (C.I.: 74240)

Detection of mucopolysaccharides

Alcian Blue 1% (pH 2.5 in acetic acid) is a staining solution in histology and cytology for the examination of tissues such as mucus and cartilage. It binds specifically to acidic polysaccharides and is useful for characterizing mucus structures and observing changes in mucus production in disease.

Order-No.:	Amount:	Price:
12696.00100	**100 ml**	**26,29**
12696.00250	**250 ml**	**65,70**
12696.00500	**500 ml**	**118,20**
12696.01000	**1.000 ml**	**223,65**
12696.02500	**2.500 ml**	**503,70**

Alcian blue 1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Alcian blue 8GS (C.I.: 74240)

Detection of mucopolysaccharides

Alcian Blue 1% alcoholic is a solution mainly used in histology and scientific laboratories. It consists of ethanol 99.0% and Alcian Blue 8GS and is used to stain acidic polysaccharides and proteoglycans in tissue sections. Alcian Blue 8GS selectively binds to these substances, allowing analysis of their distribution and amount in tissue samples.

Order-No.:	Amount:	Price:
11524.00100	**100 ml**	**43,36**
11524.00250	**250 ml**	**60,69**
11524.00500	**500 ml**	**109,18**
11524.01000	**1.000 ml**	**204,29**
11524.02500	**2.500 ml**	**454,17**

Alcian Blue 1 %, in Acetic Acid 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alcian blue 8GS (C.I.: 74240)
- Acetic acid 99%

Detection of mucopolysaccharides

Alcian Blue 1% (pH 2.0 with acetic acid) is a staining solution for histology and histochemistry that stains acidic mucopolysaccharides and sulfated glycosaminoglycans in tissue sections. It is widely used to study cartilage, connective tissue and mucosal structures and is useful for analyzing tissue changes in diseases such as osteoarthritis or inflammation.

Order-No.:	Amount:	Price:
10126.00100	**100 ml**	**35,42**
10126.00250	**250 ml**	**58,89**
10126.00500	**500 ml**	**105,99**
10126.01000	**1.000 ml**	**198,82**
10126.02500	**2.500 ml**	**442,41**
10126.05000	**5.000 ml**	**865,18**
10126.10000	**10.000 ml**	**1665,49**

Alcian Blue 1% in Acetic Acid pH 1.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alcian blue 8GS (C.I.: 74240)
- Acetic acid 99%
- Hydrochloric Acid 37%

Detection of mucopolysaccharides

Alcian Blue 1% is an important staining agent in medical diagnostics and histology. It is used for selective cyan staining of acid mucins and sulfated glycosaminoglycans and enables differentiated analyses of tissue samples, especially in combination with PAS and H&E staining.

Order-No.:	Amount:	Price:
14014.00100	**100 ml**	**24,44**
14014.00250	**250 ml**	**59,47**
14014.00500	**500 ml**	**106,60**
14014.01000	**1.000 ml**	**199,41**
14014.02500	**2.500 ml**	**442,96**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

03. Staining solutions

Alcian Green 1 %, in Acetic Acid 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
-

Detection of mucopolysaccharides

Alciangrün 1% solution in 3% acetic acid is a histological stain used to identify acidic mucopolysaccharides and collagen fibers in tissues. Electrostatic interactions produce a visible green stain that highlights specific cellular components. In combination with acridine red and chrysoidin, three cell types can be distinguished.

Order-No.:	Amount:	Price:
14520.00100	**100 ml**	**326,89**
14520.00250	**250 ml**	**573,41**
14520.00500	**500 ml**	**1186,78**
14520.01000	**1.000 ml**	**2259,90**
14520.02500	**2.500 ml**	**5213,04**

ALEXANDER's Staining Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Glycerol
- Malachite Green 5 %, aqueous
- Acid Fuchsine 1 % (MASSON A)
- Orange G 1 %, aqueous
- Acetic acid 99%

Pollen dyeing

The ALEXANDER staining solution is a versatile staining method focusing on the study of pollen morphology and terminology. It enables the differential visualization of the exines and intines of pollen and provides important information for plant species identification and pollen morphology research.

Order-No.:	Amount:	Price:
13441.00250	**250 ml**	**43,11**
13441.00500	**500 ml**	**46,70**
13441.01000	**1.000 ml**	**95,28**

Alizarin Red S buffered, pH 4.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alizarine red S (C.I.: 58005)
- Sodium acetat
- Acetic acid 99%

Calcium detection

Alizarin Red S, buffered pH 4.0, is an aqueous solution of Alizarin Red S, sodium acetate and acetic acid and is used in histology to detect calcium ions in tissue sections. The solution is stable at an acidic pH and increases the selectivity and sensitivity of calcium binding.

Order-No.:	Amount:	Price:
13158.00100	**100 ml**	**27,11**
13158.00250	**250 ml**	**33,10**
13158.00500	**500 ml**	**43,75**
13158.01000	**1.000 ml**	**72,73**

Alizarin red S, buffered pH 7.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alizarine red S (C.I.: 58005)
- Potassium dihydrogen phosphate
- Di-sodium hydrogen phosphate dihydrate

Calcium detection

Alizarin Red S, pH 7.0, is a solution of synthetic azo dye, potassium dihydrogen phosphate, di-sodium hydrogen phosphate dihydrate and sodium azide, mainly used in histology and cytology for the identification of calcium deposits in tissues and for water analysis. The pH value influences the sensitivity and selectivity of the solution to calcium ions.

Order-No.:	Amount:	Price:
13154.00100	**100 ml**	**29,05**
13154.00250	**250 ml**	**36,52**
13154.00500	**500 ml**	**47,11**
13154.01000	**1.000 ml**	**78,35**

Alizarin Red S, pH 9.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alizarine red S (C.I.: 58005)

Calcium detection

Alizarin Red S, pH 9.0 is a solution primarily used in histology and cytology to stain and visualize biological samples, particularly for identifying calcium deposits in tissues. It is also used in water analysis to determine calcium and magnesium content. The solution works through a complex formation reaction with calcium ions, resulting in a color change that is dependent on the concentration of calcium ions. Its simple and quick application, high sensitivity to calcium ions, and suitability for both biomedicine and water analysis make it an important tool in research.

Order-No.:	Amount:	Price:
13150.00100	**100 ml**	**28,09**
13150.00250	**250 ml**	**35,28**
13150.00500	**500 ml**	**45,31**
13150.01000	**1.000 ml**	**75,27**

Alkaline fuchsin, concentrated, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Fuchsine (C.I.: 42510)

Bacteria / sperm staining

Basic fuchsin, concentrated and alcoholic, is an important component in laboratory techniques. It provides intense red staining of biological materials and visualizes proteins and nucleic acids. It is used in histological and microbiological applications such as Gram and Ziehl-Neelsen staining to detect bacteria and mycobacteria.

Order-No.:	Amount:	Price:
16618.00100	**100 ml**	**27,02**
16618.00250	**250 ml**	**38,06**
16618.00500	**500 ml**	**59,75**
16618.01000	**1.000 ml**	**115,18**
16618.02500	**2.500 ml**	**253,37**

Aluminum-iron-hematoxylin

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aluminium sulphate hydrate • 14 H2O
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)
- Iron(III) Chloride 2 %
- Hydrochloric Acid 37%

Staining of tissue samples

Aluminum Iron Hematoxylin is an important product in histology and scientific laboratories used for in vitro diagnostic and staining kits such as HEROVICI for collagen differentiation. The solution consists of various chemicals and enables selective visualization and differentiation of collagen fibers and other tissue structures for precise diagnoses.

Order-No.:	Amount:	Price:
18417.00100	**100 ml**	**27,07**
18417.00250	**250 ml**	**31,68**
18417.00500	**500 ml**	**32,69**
18417.01000	**1.000 ml**	**57,84**

03. Staining solutions

Aniline Blue - Acid Fuchsine - Orange G

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Orange G (C.I.: 16230)
- Acid Fuchsine (C.I.: 42685)
- Hydrochloric Acid 37%

Staining of tissue samples

Aniline Blue Acid Fuchsin Orange G is a staining solution for histological examinations that enables differentiated staining. The dyes bind specifically to collagen fibers, cell nuclei, and muscle tissue, providing a multi-layered, high-contrast visualization of tissue composition. The solution enables precise analysis and diagnosis and is dissolved in water and hydrochloric acid for optimal dye distribution and efficient penetration of tissue sections.

Order-No.:	Amount:	Price:
15090.00100	**100 ml**	**28,73**
15090.00250	**250 ml**	**39,38**
15090.00500	**500 ml**	**56,97**
15090.01000	**1.000 ml**	**109,13**
15090.02500	**2.500 ml**	**239,56**

Aniline Blue - Methyl Orange

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl orange (C.I.: 13025)
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Acetic acid 99%

Staining of tissue samples

Aniline Blue-Gold Orange is a combination of two dyes used for staining cell preparations and tissue sections in histology and cytology. It enables differentiated staining of various cell and tissue structures, facilitates microscopic examination and improves identification of different cell types and morphological changes.

Order-No.:	Amount:	Price:
11599.00100	**100 ml**	**20,62**
11599.00250	**250 ml**	**30,68**
11599.00500	**500 ml**	**47,05**
11599.01000	**1.000 ml**	**88,99**
11599.02500	**2.500 ml**	**192,80**

Aniline Blue - Orange G - Stock Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Orange G (C.I.: 16230)

Staining of tissue samples

The Aniline Blue Orange G Stock Solution is a combination of aniline blue and orange G dyes used in histology and cytology for staining cell preparations and tissue sections. It enables differentiated staining of various cell and tissue structures, facilitates microscopic examinations and improves the identification of different cell types and morphological changes.

Order-No.:	Amount:	Price:
14490.00100	**100 ml**	**14,52**
14490.00250	**250 ml**	**20,34**
14490.00500	**500 ml**	**25,33**
14490.01000	**1.000 ml**	**47,62**
14490.02500	**2.500 ml**	**97,13**

Aniline blue - Orange G - Working solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Orange G (C.I.: 16230)
- Aniline blue w.s. (C.I.: 42755 / 42780)

Staining of tissue samples

Aniline Blue Orange G Use Solution is an in vitro diagnostic agent used in histology and scientific laboratories. The solution consists of distilled aqua, acetic acid, orange G and aniline blue and is essential for staining kits such as AZAN. It enables targeted staining for cell nuclei, cellular structures and collagen fibers.

Order-No.:	Amount:	Price:
10144.00100	**100 ml**	**15,81**
10144.00250	**250 ml**	**19,36**
10144.00500	**500 ml**	**29,22**
10144.01000	**1.000 ml**	**36,21**
10144.02500	**2.500 ml**	**67,29**

Aniline blue (MASSON C)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)

Staining of tissue samples

Aniline blue (Masson C) is a dye in the Masson trichrome staining protocol used to visualize collagen fibers, muscle tissue and cell nuclei in tissue sections. It stains collagen fibers blue-green and, in combination with hematoxylin and Biebrich scarlet, allows differential visualization of cell and tissue structures for detailed microscopic studies.

Order-No.:	Amount:	Price:
10141.00250	**250 ml**	**17,60**
10141.00500	**500 ml**	**24,39**
10141.01000	**1.000 ml**	**29,17**
10141.02500	**2.500 ml**	**51,77**

Aniline blue 0,1 %, pH 11,0 - decolorized for pollen staining

Lagerung: *< 4°C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)
- potassium phosphate
- Glycerol
-

Pollen dyeing

Aniline Blue 0.1% is an alkaline solution used for staining cell nuclei and decolorizing pollen. It facilitates the observation of pollen grains under the light microscope and allows staining with other dyes to emphasize specific features.

Order-No.:	Amount:	Price:
14999.00100	**100 ml**	**41,72**
14999.00250	**250 ml**	**57,75**
14999.00500	**500 ml**	**78,66**
14999.01000	**1.000 ml**	**157,91**
14999.02500	**2.500 ml**	**353,94**

Aniline Blue 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)

Bacteria / sperm staining

Aniline blue 5% is a dye solution used in andrology for staining sperm preparations. It allows detailed examination of sperm morphology and helps to distinguish normal sperm from abnormal ones. The staining is often used in the diagnosis of male infertility.

Order-No.:	Amount:	Price:
11299.00100	**100 ml**	**25,62**
11299.00250	**250 ml**	**36,55**
11299.00500	**500 ml**	**56,80**
11299.01000	**1.000 ml**	**108,07**

Aniline Blue Phosphotungstic Acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Phosphotungstic acid
- Acetic acid 99%

Staining of tissue samples

Aniline blue phosphotungstic acid solution selectively stains collagen fibers in tissue sections to study the distribution and organization of collagen from other structures. The chemical mixture consists of aniline blue w.s., phosphotungstic acid, acetic acid and water.

Order-No.:	Amount:	Price:
13144.00100	**100 ml**	**22,09**
13144.00250	**250 ml**	**25,68**
13144.00500	**500 ml**	**28,64**
13144.01000	**1.000 ml**	**54,30**
13144.02500	**2.500 ml**	**109,34**

03. Staining solutions

Astra blue 1%, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Astra Blue (C.I.: 48048)

Staining of tissue samples

Astra Blue 1%, aqueous is a water-soluble dye solution used in histology to visualize cell structures such as nuclei and cell nuclei. Through electrostatic reactions, it enables differentiated analyses of cell types and structures in medical diagnostics, histology and scientific laboratories.

Order-No.:	Amount:	Price:
18609.00100	**100 ml**	**17,18**
18609.00250	**250 ml**	**27,99**
18609.00500	**500 ml**	**48,98**
18609.01000	**1.000 ml**	**78,24**
18609.02500	**2.500 ml**	**167,94**

Astra blue 2%, aqueous, acidified

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Astra Blue (C.I.: 48048)

Staining of tissue samples

Astra Blue 2% is an acidified aqueous solution used as a synthetic dye in histology and botany. It binds to acidic components of tissues and cells, especially polysaccharides in plant cell walls, to clearly show cell structures. It is often combined with other dyes to better distinguish different structures.

Order-No.:	Amount:	Price:
10613.00100	**100 ml**	**21,71**
10613.00250	**250 ml**	**41,02**
10613.00500	**500 ml**	**81,82**
10613.01000	**1.000 ml**	**130,36**
10613.02500	**2.500 ml**	**288,48**

Astra Blue in Tartaric Acid 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- L (+) Tartaric Acid
- Astra Blue (C.I.: 48048)
- Sodium benzoate

Staining of tissue samples

Astra Blue in Tartaric Acid 2% is a widely used staining solution in histology and cytology. It improves the selectivity and precision of staining and enables the examination of tissue sections and cell preparations, especially collagen fibers and acid mucopolysaccharides.

Order-No.:	Amount:	Price:
11812.00100	**100 ml**	**19,73**
11812.00250	**250 ml**	**26,48**
11812.00500	**500 ml**	**57,67**
11812.01000	**1.000 ml**	**73,84**
11812.02500	**2.500 ml**	**157,77**

Astra Blue Solution after WACKER

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Astra Blue (C.I.: 48048)
- Acetic acid 99%

Staining of tissue samples

WACKER's astrablaul solution is used to stain plant structures and tissues. It assists researchers in studying cell morphology and architecture and provides more detailed insights into the structures and functions of plant cells.

Order-No.:	Amount:	Price:
13011.00250	**250 ml**	**28,06**
13011.00500	**500 ml**	**60,56**
13011.01000	**1.000 ml**	**78,51**

Auramine-Rhodamine Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phenol
- Auramine O (C.I.: 41000)
- 9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride (C.I.: 45170)

Staining of tissue samples

Auramine Rhodamine Solution is used for fluorescent staining of acid-fast bacteria such as mycobacteria and is particularly suitable for clinical diagnostics and research due to its high sensitivity and specificity. It consists of a mixture of Auramine O and Rhodamine B, which emit fluorescence when excited with light of a specific wavelength. Excipients such as phenol and glycerol improve the staining properties and stabilize the dyes.

Order-No.:	Amount:	Price:
12907.00100	**100 ml**	**52,57**
12907.00250	**250 ml**	**75,08**
12907.00500	**500 ml**	**119,65**
12907.01000	**1.000 ml**	**233,89**
12907.02500	**2.500 ml**	**536,77**

Azocarmine

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Azocarmine G (C.I.: 50085)

Staining of tissue samples

Azocarmine is a synthetic, deep red azo dye with the chemical formula C26H15N4NaO9S2. It is used in histology to stain acidic cellular components, particularly in azane trichrome staining. A 0.1% solution with acetic acid allows more precise, selective staining and improves staining durability.

Order-No.:	Amount:	Price:
10147.00100	**100 ml**	**18,44**
10147.00250	**250 ml**	**26,91**
10147.00500	**500 ml**	**36,52**
10147.01000	**1.000 ml**	**66,42**

Azophloxine 5 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Red 2G (Acid Red 1) (C.I.: 18050)

Staining of tissue samples

Azophloxin 5% is a synthetic dye solution used in histology to distinguish cell structures and components. It has a high affinity for biological structures and can selectively stain a wide range of cell types and tissue types. The staining effect results from the interaction of the dye with proteins and other cellular components.

Order-No.:	Amount:	Price:
13380.00100	**100 ml**	**42,55**
13380.00250	**250 ml**	**65,00**
13380.00500	**500 ml**	**119,12**
13380.01000	**1.000 ml**	**226,26**
13380.02500	**2.500 ml**	**510,25**

Basic Fuchsine 0.1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Fuchsine (C.I.: 42510)

Staining of tissue samples

Basic Fuchsin 0.1 %, aqueous is a laboratory chemical used in biology and medicine for staining biological tissue in histological and microbiological examinations. It binds to nucleic acids and proteins, enables visualization of cell structures under the microscope and supports research and diagnostics.

Order-No.:	Amount:	Price:
15324.00100	**100 ml**	**11,50**
15324.00250	**250 ml**	**15,25**
15324.00500	**500 ml**	**20,22**
15324.01000	**1.000 ml**	**27,28**
15324.02500	**2.500 ml**	**50,11**

03. Staining solutions

Basic Fuchsine 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Fuchsine (C.I.: 42510)

Staining of tissue samples

Basic Fuchsin 1% is an aqueous solution of a synthetic dye used in histology to stain bacteria, cell nuclei and DNA. It is widely used in Gram and Ziehl-Neelsen staining to visualize Gram-positive and acid-fast bacteria.

Order-No.:	Amount:	Price:
10198.00100	**100 ml**	**13,33**
10198.00250	**250 ml**	**16,91**
10198.00500	**500 ml**	**25,43**
10198.01000	**1.000 ml**	**33,90**
10198.02500	**2.500 ml**	**65,40**

Biebrich's solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- (C.I.: 26905)
- Acid Fuchsine (C.I.: 42685)
- Ponceau 2 R (C.I.: 16150)
- Acetic acid 99%

Staining of tissue samples

The Biebrich solution is used in histology and scientific laboratories and consists of Biebrich scarlet, acid fuchsin, Ponceau 2R, acetic acid and aqua dist./VE water. It is important for staining kits and is used to distinguish collagen and muscle tissue in medical diagnostics.

Order-No.:	Amount:	Price:
18475.00100	**100 ml**	**51,15**
18475.00250	**250 ml**	**75,24**
18475.00500	**500 ml**	**127,19**
18475.01000	**1.000 ml**	**241,29**

Bone Stain Staining Solution

Lagerung:

Relevant Incredients:
- Methyl alcohol
- Bone Stain Powder, crist.

Hard fabric dyeing

Bone Stain staining solution is a special solution for medical diagnostics, histology and scientific laboratories. It consists of methanol, Aqua bidest and Bone Stain Powder and enables rapid penetration and specific staining of tissue samples, especially bone tissue, for detailed examinations.

Order-No.:	Amount:	Price:
17033.00100	**100 ml**	**52,13**
17033.00250	**250 ml**	**77,33**
17033.00500	**500 ml**	**125,40**
17033.01000	**1.000 ml**	**168,46**
17033.02500	**2.500 ml**	**365,12**

Borax-Carmine

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Carmine (C.I.: 75470)
- Sodium tetraborate • 10 H_2O

Staining of tissue samples

Borax carmine is a histological staining method that uses sodium borate and carmine to stain cell structures such as nuclei and cytoplasm in tissue sections red. It facilitates the analysis and diagnosis of cellular changes by providing good contrast in microscopy.

Order-No.:	Amount:	Price:
11116.00100	**100 ml**	**52,35**
11116.00250	**250 ml**	**85,73**
11116.00500	**500 ml**	**152,75**
11116.01000	**1.000 ml**	**294,51**

BRADFORD reagent (5x concentrate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphorsäure
- Methyl alcohol
- Coomassie brilliant blue G250 (C.I.: 42655)

Protein staining

BRADFORD Reagent (5x Concentrate) is a solution for determination of protein concentrations in medical diagnostics, histology and scientific laboratories. It is based on the interaction of the dye Coomassie Brilliant Blue G 250 with proteins and allows conclusions to be drawn about the protein content in samples, which can be used in the diagnosis of diseases with altered protein levels.

Order-No.:	Amount:	Price:
18583.00100	**100 ml**	**27,36**
18583.00250	**250 ml**	**44,41**
18583.00500	**500 ml**	**58,68**
18583.01000	**1.000 ml**	**111,73**
18583.02500	**2.500 ml**	**247,30**

Brilliant Cresyl Blue Stock-Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Brilliant cresyl blue (C.I.: 51010)
- Sodium chloride
- Toluidine Blue (C.I.: 52040)

Staining of reticulocytes in blood

The Brilliant Cresyl Blue stock solution is designed for human medical cell diagnostics and enables differentiated hematological examination of human samples. It specifically stains nucleic acids in reticulocytes, allowing morphological differentiation from erythrocytes. The solution is used with anticoagulated venous or capillary blood, although further valid methods are required for a definitive diagnosis.

Order-No.:	Amount:	Price:
15885.00100	**100 ml**	**17,59**
15885.00250	**250 ml**	**25,59**
15885.00500	**500 ml**	**52,77**
15885.01000	**1.000 ml**	**68,62**
15885.02500	**2.500 ml**	**145,70**

Brilliant Crocein - Acid Fuchsine

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Brilliant Crocein R
- Acid Fuchsine (C.I.: 42685)

Staining of tissue samples

Brilliant-crocein acid fuchsin is a histological staining solution consisting of two dyes: Brilliant-Crocein and Acid Fuchsin. It enables the staining of various tissue components such as muscle fibers and cell nuclei and is used in Movat Pentachrome staining to examine tissue structures in detail.

Order-No.:	Amount:	Price:
10156.00100	**100 ml**	**15,74**
10156.00250	**250 ml**	**19,15**
10156.00500	**500 ml**	**28,56**
10156.01000	**1.000 ml**	**35,38**

Bromophenol Blue 0.1 % for Sperm Staining

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
-

Bacteria / sperm staining

Bromophenol Blue 0.1% is a staining solution for sperm staining suitable for morphological examination of sperm in andrology, medical diagnostics and life sciences. Due to selective staining of sperm proteins, it enables rapid and reliable assessment of sperm parameters. However, precise and reproducible application is crucial.

Order-No.:	Amount:	Price:
13566.00250	**250 ml**	**35,60**
13566.00500	**500 ml**	**71,94**
13566.01000	**1.000 ml**	**93,98**

03. Staining solutions

Carbol Gentiana Violet Solution for GRAM

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phenol
- Ethyl alcohol
- Crystal Violet (C.I.: 42555)

Bacteria / sperm staining

The carbolic gentianaviolet solution for GRAM is used in medical and histological diagnostics for staining bacteria and sperm. The main components phenol and gentianaviolet B enable an intense purple staining, while ethanol and aqua dist. serve as solvents. The solution is part of the GRAM staining kit according to WEIGERT and provides reproducible results.

Order-No.:	Amount:	Price:
16343.00100	**100 ml**	**36,05**
16343.00250	**250 ml**	**46,18**
16343.00500	**500 ml**	**69,11**
16343.01000	**1.000 ml**	**107,55**
16343.02500	**2.500 ml**	**232,02**

Carbol-Fuchsin after ZIEHL-NEELSEN (cold Staining)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Fuchsine (C.I.: 42510)
- Phenol
- Ethyl alcohol
-

Tuberculosis detection

Ziehl-Neelsen carbolic fuchsin is a cold staining solution for the identification of acid-fast bacteria in microbiology. The solution contains fuchsin, phenol, ethanol and Cremophor A25 and has the advantage that it is less time-consuming than hot staining and has comparable sensitivity and specificity.

Order-No.:	Amount:	Price:
13070.00100	**100 ml**	**25,00**
13070.00250	**250 ml**	**31,42**
13070.00500	**500 ml**	**45,98**
13070.01000	**1.000 ml**	**84,44**
13070.02500	**2.500 ml**	**178,81**

Carbol-Fuchsin after ZIEHL-NEELSEN (hot Staining)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Fuchsine (C.I.: 42510)
- Phenol

Tuberculosis detection

Carbolfuchsin according to Ziehl-Neelsen is a hot staining method for the identification of acid-fast bacteria, such as Mycobacterium tuberculosis. The tissue sample is treated with carbolfuchsin solution, heated and then decolorized. Acid-fast bacteria retain the red dye and are thus easier to identify. The method is important for the diagnosis of tuberculosis and other infections.

Order-No.:	Amount:	Price:
12246.00100	**100 ml**	**19,16**
12246.00250	**250 ml**	**22,97**
12246.00500	**500 ml**	**28,89**
12246.01000	**1.000 ml**	**52,52**
12246.02500	**2.500 ml**	**105,86**

Carmine acetic acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Carmine (C.I.: 75470)

Staining of tissue samples

Carmine acetic acid is a staining solution used in histology and cytology to stain nucleic acids such as DNA and RNA in tissue sections and cell preparations. It consists of carmine red and acetic acid and helps to make cell structures visible under the microscope.

Order-No.:	Amount:	Price:
10411.00100	**100 ml**	**36,15**
10411.00250	**250 ml**	**44,61**
10411.00500	**500 ml**	**69,80**
10411.01000	**1.000 ml**	**133,70**

Carmine after BEST

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Carmine (C.I.: 75470)
- Potassium chloride
- Potassium carbonate
- Ammonium hydroxide 25%

Cell nuclei staining

Carmine according to BEST is a staining method in histology and cytology used to highlight cell nuclei, nucleoli and other cellular components. The natural, water-soluble dye carmine is obtained from cochineal insects and enables the study of cell nuclei structures, chromosome arrangement, cell cycle, cell differentiation and cell division in various organisms.

Order-No.:	Amount:	Price:
11809.00100	**100 ml**	**81,22**
11809.00250	**250 ml**	**130,76**
11809.00500	**500 ml**	**250,26**
11809.01000	**1.000 ml**	**480,34**

Carmine after BEST: Differentiation Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Ethyl alcohol

Cell nuclei staining

The differentiation solution for carmine staining according to Best consists of a mixture of ethanol, methanol and water. It is used to selectively remove excess dye from tissue components to achieve better contrast between stained structures. This allows sharp and clear images of glycogen and other cellular structures in tissue sections.

Order-No.:	Amount:	Price:
12166.00100	**100 ml**	**12,89**
12166.00250	**250 ml**	**15,67**
12166.00500	**500 ml**	**21,52**
12166.01000	**1.000 ml**	**28,94**

CASON Trichrome Staining Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphotungstic acid
- Orange G (C.I.: 16230)
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Acid Fuchsine (C.I.: 42685)

Staining of tissue samples

CASON Trichrome staining solution is used to visualize tissue structures in histology and has high color differentiation and stable binding due to the combination of three dyes and phosphotungstic acid, allowing pathological changes to be precisely detected.

Order-No.:	Amount:	Price:
13419.00100	**100 ml**	**41,64**
13419.00250	**250 ml**	**52,91**
13419.00500	**500 ml**	**76,92**
13419.01000	**1.000 ml**	**146,99**

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03. Staining solutions

Chromotrope Aniline Blue Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromotrope 2R (C.I.: 16570)
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Hydrochloric Acid 37%

Staining of tissue samples

Chromotropic aniline blue solution is used to stain acidic and basic polysaccharides and is particularly relevant for the histological examination of plant structures and fungi. The solution enables detailed visualization of polysaccharide structures and provides important information on the composition of biological samples for the study of developmental and metabolic processes and possible pathologies.

Order-No.:	Amount:	Price:
13053.00100	**100 ml**	**51,27**
13053.00250	**250 ml**	**93,41**
13053.00500	**500 ml**	**168,62**
13053.01000	**1.000 ml**	**325,24**

Coelestine Blue - Iron-Alum Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium Iron (III) Sulfate 12-hydrate
- Celestine blue B (C.I.: 51050)
- Glycerol

Staining of tissue samples

Coelestin Blue Iron Alum Solution is an in vitro diagnostic agent for HEROVICI staining for collagen differentiation in tissue samples. It helps to differentiate younger (type III) and more mature collagen (type I) and supports the diagnosis of tissue changes in inflammatory or fibrotic processes.

Order-No.:	Amount:	Price:
15156.00100	**100 ml**	**70,84**
15156.00250	**250 ml**	**99,18**
15156.00500	**500 ml**	**153,39**
15156.01000	**1.000 ml**	**291,94**
15156.02500	**2.500 ml**	**669,63**

Congo Red 0.5 % in Ethanol 50 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Congo red (C.I.: 22120)
- Ethyl alcohol
- 1-Propanol

Staining of tissue samples

Congo Red Solution 0.5% in Ethanol 50% is a staining solution for histological analysis of tissue samples, especially for visualization of amyloid deposits in diseases such as Alzheimer's disease. The solution allows better penetration of the dye into the tissue and more effective staining for meaningful analysis and diagnosis.

Order-No.:	Amount:	Price:
11794.00100	**100 ml**	**19,03**
11794.00250	**250 ml**	**28,62**
11794.00500	**500 ml**	**40,11**
11794.01000	**1.000 ml**	**73,26**

Congo red 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Congo red (C.I.: 22120)

Staining of tissue samples

Congo Red 1% aqueous solution is a bright red synthetic azo dye solution used in histology and cytology to stain amyloid deposits and cell structures. It is used to diagnose amyloidosis and binds to the beta-sheet structure of amyloid fibrils, producing a characteristic birefringence.

Order-No.:	Amount:	Price:
11515.00100	**100 ml**	**27,45**
11515.00250	**250 ml**	**35,94**
11515.00500	**500 ml**	**58,11**
11515.01000	**1.000 ml**	**110,04**

Congo Red in PBS for Fungi Detection

Lagerung: *15 … 25 °C*

Relevant Incredients:
- PBS Buffer pH 7.4 - 10x concentrate
- Congo red (C.I.: 22120)

Staining of tissue samples

Congo Red staining solution in PBS is a synthetic azo dye solution used in medical diagnostics for the identification of fungi. By binding to fungal cell walls, it enables microscopic differentiation between fungi and other cell types, which is particularly important for the diagnosis of fungal infections.

Order-No.:	Amount:	Price:
12118.00250	**250 ml**	**26,86**
12118.00500	**500 ml**	**31,09**
12118.01000	**1.000 ml**	**59,04**

Congo red solution in isopropanol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol
- Congo red (C.I.: 22120)

Staining of tissue samples

Congo red solution in isopropanol is a laboratory chemical for staining amyloid structures in histological specimens. It is suitable for various staining procedures and selectively binds to beta-sheet structures of amyloid. The red staining and green birefringence under polarized light allow specific and sensitive detection of amyloid deposits for the diagnosis of amyloidosis or other amyloid-associated diseases.

Order-No.:	Amount:	Price:
15442.00100	**100 ml**	**14,56**
15442.00250	**250 ml**	**20,46**
15442.00500	**500 ml**	**25,59**
15442.01000	**1.000 ml**	**48,11**
15442.02500	**2.500 ml**	**98,26**

Congo red stock solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sodium chloride
- Congo red (C.I.: 22120)

Staining of tissue samples

Congo Red stock solution (Congo Red) is an azo-based dye used in biological and medical research to identify amyloid deposits in tissue preparations, as in Alzheimer's disease. It shows high affinity to amyloid structures and serves as a more flexible pH indicator.

Order-No.:	Amount:	Price:
12558.00100	**100 ml**	**21,14**
12558.00250	**250 ml**	**28,66**
12558.00500	**500 ml**	**40,85**
12558.01000	**1.000 ml**	**75,30**
12558.02500	**2.500 ml**	**158,54**

03. Staining solutions

Congo Red Stock Solution II

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sodium chloride
- Congo red (C.I.: 22120)

Amyloid staining

Congo Red Stock Solution II, consisting of ethanol, distilled water, sodium chloride and Congo Red, is an important component in histology, especially in the staining of amyloid fibrils. This solution helps in the diagnosis of amyloidosis and Alzheimer's disease by identifying and visualizing amyloid deposits in tissue samples.

Order-No.:	Amount:	Price:
18070.00100	**100 ml**	**23,83**
18070.00250	**250 ml**	**32,61**
18070.00500	**500 ml**	**46,95**
18070.01000	**1.000 ml**	**89,39**
18070.02500	**2.500 ml**	**193,72**

Counting Solution for Thrombocytes

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium oxalate
- Mercury(II) chloride

Platelet staining

Platelet Counting Solution is used in laboratory diagnostics to determine the number of platelets in blood samples. The solution contains ammonium oxalate and mercury(II) chloride, which gives it the ability to lyse erythrocytes and distinguish platelets from other blood cells, allowing accurate counting.

Order-No.:	Amount:	Price:
12894.00100	**100 ml**	**23,32**
12894.00250	**250 ml**	**25,60**
12894.00500	**500 ml**	**34,04**
12894.01000	**1.000 ml**	**45,25**

Cresyl Fast Violet 0.25 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Cresyl Fast Violet

Staining of tissue samples

Cresylecht Violet 0.25% is an aqueous solution of a synthetic dye used in histology and cytology for staining cell nuclei, chromosomes and cellular structures. It is particularly useful for visualizing neurons and glial cells in nervous tissue and in the study of bacteria and fungi.

Order-No.:	Amount:	Price:
11765.00250	**250 ml**	**43,91**
11765.00500	**500 ml**	**108,24**
11765.01000	**1.000 ml**	**139,19**

Cresyl Fast Violet for KLUEVER BARRERA

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Cresyl Fast Violet

Staining of tissue samples

Kresylechtviolet is a dye used in Klüver-Barrera staining together with Luxol Fast Blue (LFB) to visualize neurons and nerve fibers in nervous tissue. LFB stains myelin blue, while Kresylecht violet stains Nissl substance in neurons and glial cells purple. This technique is useful for studying nervous system diseases because it provides detailed information about cell morphology and distribution.

Order-No.:	Amount:	Price:
11207.00250	**250 ml**	**39,48**
11207.00500	**500 ml**	**55,21**
11207.01000	**1.000 ml**	**105,64**

Cresyl Fast Violet for NISSL

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetate tri-hydrate
- Cresyl Fast Violet

Staining of tissue samples

Cresylecht violet is a dye used in Nissl staining to visualize neurons in nervous tissue. The technique allows identification and characterization of different types of neurons and is useful in studying the general organization and morphology of nervous tissue, as well as in assessing changes in cellular structure due to disease or injury.

Order-No.:	Amount:	Price:
11128.00100	**100 ml**	**51,12**
11128.00250	**250 ml**	**77,11**
11128.00500	**500 ml**	**139,01**
11128.01000	**1.000 ml**	**262,61**

Crystal Ponceau Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Crystal Ponceau 6R (C.I.: 16250)

Staining of tissue samples

Crystal Ponceau, also called Ponceau S or Acid Red 112, is a synthetic azo dye used in histology and biochemistry as a stain for proteins and cell structures. It is used as a temporary stain on Western blots to check protein transfer quality.

Order-No.:	Amount:	Price:
11454.00100	**100 ml**	**122,22**
11454.00250	**250 ml**	**231,84**
11454.00500	**500 ml**	**466,87**
11454.01000	**1.000 ml**	**886,14**

Crystal Violet after HUCKER

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Crystal Violet (C.I.: 42555)
- Ammonium oxalate

Staining of tissue samples

Hucker's crystal violet solution is a common staining solution in microbiology, primarily used for Gram staining. It allows the classification of bacteria into Gram-positive and Gram-negative groups and is an important tool for microbiology laboratories.

Order-No.:	Amount:	Price:
12618.00100	**100 ml**	**23,50**
12618.00250	**250 ml**	**31,63**
12618.00500	**500 ml**	**44,82**
12618.01000	**1.000 ml**	**81,99**
12618.02500	**2.500 ml**	**171,83**

Crystal Violet, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Crystal Violet (C.I.: 42555)

Staining of tissue samples

Crystal Violet 4%, alcoholic is a solution for staining Gram-positive bacteria and cell nuclei in histological specimens. The solution contains crystal violet in denatured ethanol and enables high-contrast staining and reliable identification of cell structures and bacteria.

Order-No.:	Amount:	Price:
12898.00100	**100 ml**	**24,59**
12898.00250	**250 ml**	**58,97**
12898.00500	**500 ml**	**95,49**
12898.01000	**1.000 ml**	**183,59**
12898.02500	**2.500 ml**	**414,85**

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03. Staining solutions

EHRLICHs reagent

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- 4-dimethylaminobenzaldehyde

Detection of primary amino groups

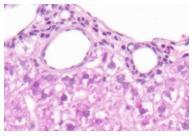
Ehrlich's reagent is a chemical detection for indole compounds in biological systems. It is used in medicine and microbiology to identify bacteria such as Escherichia coli and in forensics and toxicology to detect hallucinogens such as LSD or psilocybin.

Order-No.:	Amount:	Price:
11119.00100	**100 ml**	**36,86**
11119.00250	**250 ml**	**43,11**
11119.00500	**500 ml**	**68,78**
11119.01000	**1.000 ml**	**131,37**

Eosin 0,5 %, alcoholic 90 %, acid

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)
- Acetic acid 99%
- 1-Propanol



Staining of tissue samples

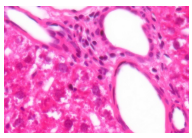
Eosin 0.5%, alcoholic 90%, acidified is a solution for histological and cytological applications consisting of synthetic dye Eosin, 90% alcohol and acetic acid. Acidification improves staining kinetics, increases color intensity and sharpness, and allows better differentiation of cellular and extracellular structures.

Order-No.:	Amount:	Price:
19127.00100	**100 ml**	**14,52**
19127.00250	**250 ml**	**17,99**
19127.00500	**500 ml**	**34,65**
19127.01000	**1.000 ml**	**34,49**
19127.02500	**2.500 ml**	**65,03**

Eosin 0.1 %, aqueous

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)



Staining of tissue samples

Eosin 0.1% aqueous is a dilute solution of the red dye eosin, which is used in combination with hematoxylin in histology and cytology to stain cell structures. The lower concentration allows a more subtle staining.

Order-No.:	Amount:	Price:
13915.00100	**100 ml**	**10,79**
13915.00250	**250 ml**	**15,66**
13915.00500	**500 ml**	**20,70**
13915.01000	**1.000 ml**	**27,04**
13915.02500	**2.500 ml**	**48,87**

Eosin 0.2 %, alcoholic

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)
- 1-Propanol

Staining of tissue samples

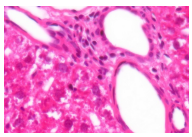
Eosin 0.2%, alcoholic, is a solution with synthetic dye used in histology and cytology for staining cell structures and extracellular matrix. In combination with acetic acid, it improves staining kinetics, color intensity, sharpness and differentiation of structures.

Order-No.:	Amount:	Price:
13017.00250	**250 ml**	**18,25**
13017.00500	**500 ml**	**21,53**
13017.01000	**1.000 ml**	**31,77**
13017.02500	**2.500 ml**	**57,60**
13017.05000	**5.000 ml**	**95,68**

Eosin 0.2 %, aqueous

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Sodium Azide 10 %



Staining of tissue samples

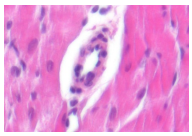
Eosin 0.2 %, aqueous is a staining solution used in histology and cytology for staining cytoplasm and connective tissue. When combined with hematoxylin, it produces the widely used hematoxylin-eosin (H&E) stain. Eosin concentration affects intensity and staining time, with 0.2% providing more intense staining. The optimal concentration depends on the application and desired staining effect.

Order-No.:	Amount:	Price:
12217.00250	**250 ml**	**15,73**
12217.00500	**500 ml**	**20,92**
12217.01000	**1.000 ml**	**27,33**
12217.02500	**2.500 ml**	**49,53**

Eosin 0.5 %, aqueous

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Sodium Azide 10 %



Staining of tissue samples

Eosin 0.5 %, aqueous is a specialized staining solution used in histology and cytology. It stains acidic cellular components such as cytoplasm, collagen fibers and red blood cells and, in combination with other dyes, enables differential staining of tissue preparations. The solution is used in medical diagnostics and research.

Order-No.:	Amount:	Price:
12199.00100	**100 ml**	**13,14**
12199.00250	**250 ml**	**15,32**
12199.00500	**500 ml**	**20,35**
12199.01000	**1.000 ml**	**25,69**
12199.02500	**2.500 ml**	**46,52**
12199.05000	**5.000 ml**	**76,50**

Eosin 0.5 %, aqueous in NaCl 0.9 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Sodium chloride

Staining of tissue samples

Eosin 0.5% in NaCl 0.9% is a solution mainly used in histology and cytology to stain cell structures and extracellular matrix. The isotonic NaCl solution enables gentle staining, preserves morphological properties of cells and reduces the risk of overstaining.

Order-No.:	Amount:	Price:
12643.00100	**100 ml**	**17,66**
12643.00250	**250 ml**	**20,61**
12643.00500	**500 ml**	**24,10**
12643.01000	**1.000 ml**	**29,04**
12643.02500	**2.500 ml**	**51,27**

Eosin 0.5 %, in ethanol 70 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)
- Acetic acid 99%

Staining of tissue samples

Eosin 0.5% in ethanol 70% is a solution with synthetic dye used to stain cell structures. The use of a 70% alcohol solution allows the right balance between staining kinetics and color intensity in histological and cytological applications.

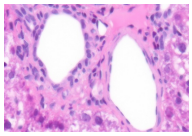
Order-No.:	Amount:	Price:
13044.00250	**250 ml**	**18,22**
13044.00500	**500 ml**	**26,78**
13044.01000	**1.000 ml**	**33,51**
13044.02500	**2.500 ml**	**62,10**

03. Staining solutions

Eosin 0.5 %, methanolic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Eosin Y (C.I.: 45380)



Staining of tissue samples

Eosin 0.5% in methanol is a staining solution used in histological and histopathological examination of tissue samples. It enables improved tissue dehydration and faster staining. Eosin stains cytoplasmic structures and extracellular matrix pink-orange, while hematoxylin stains cell nuclei blue-violet. This combination facilitates the identification of cell types and structures in tissue samples.

Order-No.:	Amount:	Price:
12433.00250	**250 ml**	**18,17**
12433.00500	**500 ml**	**22,87**
12433.01000	**1.000 ml**	**31,43**
12433.02500	**2.500 ml**	**56,82**

Eosin 0.7 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Aqua dest. / pure water

Staining of tissue samples

Eosin 0.7 %, aqueous is a specialized staining solution used in histology and cytology. Eosin is a red dye that mainly stains acidic (or eosinophilic) cell components such as the cytoplasm of cells, collagen fibers and red blood cells. In combination with other dyes, such as hematoxylin in H&E staining, eosin enables differential staining of tissue preparations to visualize different cell structures and tissue types.

This 0.5% aqueous eosin solution is a standardized staining solution suitable for a variety of histological and cytological applications. It is stable and ready-to-use, which facilitates application and improves the reproducibility of staining results.

Typical applications of eosin include the staining of tissue sections for light microscopy, the

Order-No.:	Amount:	Price:
18695.00100	**100 ml**	**13,19**
18695.00250	**250 ml**	**15,46**
18695.00500	**500 ml**	**20,79**
18695.01000	**1.000 ml**	**26,25**
18695.02500	**2.500 ml**	**47,82**
18695.05000	**5.000 ml**	**79,10**

Eosin 1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)

Staining of tissue samples

The 1% alcoholic eosin solution is a histological staining solution containing the red dye eosin in alcohol base. It stains acidophilic structures such as cell plasma proteins and mitochondria red. It is often used together with hematoxylin stain to produce hematoxylin-eosin stain (H&E stain), a widely used method in histology and pathology.

Order-No.:	Amount:	Price:
11503.00250	**250 ml**	**17,18**
11503.00500	**500 ml**	**25,49**
11503.01000	**1.000 ml**	**33,13**
11503.02500	**2.500 ml**	**62,95**
11503.05000	**5.000 ml**	**106,85**
11503.10000	**10.000 ml**	**179,37**

Eosin 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Sodium Azide 10 %

Staining of tissue samples

Eosin 1% aqueous is a synthetic red dye used in histology and cytology for staining cellular structures. In combination with the blue dye hematoxylin, hematoxylin-eosin staining allows detailed examination of cellular structures and aids diagnosis and research of disease. The color intensity of eosin can be affected by changes in pH, and adjustments may be required depending on tissue type and desired differentiation.

Order-No.:	Amount:	Price:
10177.00100	**100 ml**	**14,82**
10177.00250	**250 ml**	**16,43**
10177.00500	**500 ml**	**22,93**
10177.01000	**1.000 ml**	**30,10**
10177.02500	**2.500 ml**	**55,75**
10177.05000	**5.000 ml**	**84,89**
10177.10000	**10.000 ml**	**145,89**
10177.25000	**25.000 ml**	**298,44**

Eosin 1 %, aqueous in NaCl 0.9 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride
- Eosin Y (C.I.: 45380)

Staining of tissue samples

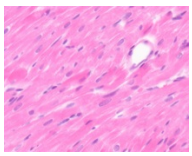
Eosin 1% in NaCl 0.9% is an isotonic solution used in histology and cytology for staining cell structures. The NaCl solution improves staining and differentiation of cellular and extracellular structures.

Order-No.:	Amount:	Price:
14140.00100	**100 ml**	**16,54**
14140.00250	**250 ml**	**17,93**
14140.00500	**500 ml**	**25,26**
14140.01000	**1.000 ml**	**30,50**
14140.02500	**2.500 ml**	**54,66**

Eosin 1 %, methanolic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Eosin Y (C.I.: 45380)



Staining of tissue samples

Eosin 1% in methanol is an alcoholic solution of a synthetic dye used to stain cell structures in histology and cytology. It stains acidophilic structures red and is often combined with hematoxylin to differentially visualize various cell structures. It is also used in microbiology to stain bacteria and fungi.

Order-No.:	Amount:	Price:
11948.00100	**100 ml**	**13,76**
11948.00250	**250 ml**	**16,97**
11948.00500	**500 ml**	**24,65**
11948.01000	**1.000 ml**	**32,29**
11948.02500	**2.500 ml**	**60,81**

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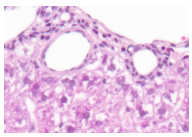
03. Staining solutions

Eosin 1% alcoholic 70%, acidified 0.5% Acetic acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)
- Acetic acid 99%



Staining of tissue samples

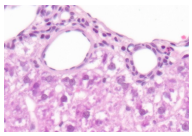
Eosin 1% alcoholic 70%, acetic acid 0.5% is a solution for histological and cytological applications. It contains the synthetic dye Eosin in 1% concentration dissolved in 70% ethanol and 0.5% acetic acid. The solution provides rapid and uniform staining and improved differentiation of cellular and extracellular structures. Ethanol and acetic acid contribute to optimal staining, which preserves morphological characteristics.

Order-No.:	Amount:	Price:
18277.00100	**100 ml**	**20,14**
18277.00250	**250 ml**	**21,77**
18277.00500	**500 ml**	**27,83**
18277.01000	**1.000 ml**	**35,08**
18277.02500	**2.500 ml**	**65,52**
18277.05000	**5.000 ml**	**110,22**
18277.10000	**10.000 ml**	**183,46**

Eosin 10 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)
- Aqua dest. / pure water



Staining of tissue samples

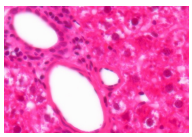
Eosin 10% alcoholic is a solution for histology and cytology that intensely stains cell structures and extracellular matrix. It contains 10% eosin in ethanol or isopropanol, provides better fixation, differentiation and faster drying than aqueous solutions.

Order-No.:	Amount:	Price:
14058.00100	**100 ml**	**20,21**
14058.00250	**250 ml**	**24,85**
14058.00500	**500 ml**	**32,20**
14058.01000	**1.000 ml**	**58,16**
14058.02500	**2.500 ml**	**118,24**

Eosin 10 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Sodium Azide 10 %



Staining of tissue samples

Eosin 10% aqueous is a highly concentrated solution used for rapid and intense staining in histology and cytology. It selectively stains proteins pink or red and has slower diffusion than alcoholic solutions. There is less risk of overstaining, but careful monitoring is necessary. Acetic acid can be added to improve staining properties.

Order-No.:	Amount:	Price:
16908.00100	**100 ml**	**19,23**
16908.00250	**250 ml**	**25,61**
16908.00500	**500 ml**	**48,89**
16908.01000	**1.000 ml**	**61,19**
16908.02500	**2.500 ml**	**125,06**

Eosin 10 %, methanolic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Eosin Y (C.I.: 45380)

Staining of tissue samples

Eosin 10 %, methanolic is a solution containing eosin in methanol and is used in histology for staining tissue sections. In particular, it stains cell plasma proteins, mitochondria, endoplasmic reticulum, collagen and keratin, as well as eosinophilic granulocytes in inflammatory and allergic reactions. The staining intensity is controllable and can be used in microbiology for staining microorganisms.

Order-No.:	Amount:	Price:
11936.00250	**250 ml**	**24,51**
11936.00500	**500 ml**	**45,44**
11936.01000	**1.000 ml**	**56,82**
11936.02500	**2.500 ml**	**114,94**

Eosin 2 %, alcoholic 70 %, acetic acid 0.5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)
- Acetic acid 99%

Staining of tissue samples

Eosin 2%, alcoholic 70% with 0.5% acetic acid, is a solution for selective staining of basic structures in histology and cytology. The alcohol content provides faster diffusion and better penetration, the acetic acid enhances the binding affinity of the eosin and reduces non-specific background staining.

Order-No.:	Amount:	Price:
13021.00250	**250 ml**	**19,12**
13021.00500	**500 ml**	**22,58**
13021.01000	**1.000 ml**	**37,11**
13021.02500	**2.500 ml**	**70,42**
13021.05000	**5.000 ml**	**140,65**
13021.10000	**10.000 ml**	**258,34**

Eosin 2 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Sodium Azide 10 %

Staining of tissue samples

Eosin 2% aqueous is a staining solution for use in histology and cytology for staining cytoplasm and connective tissue. In combination with hematoxylin, it produces the commonly used hematoxylin-eosin stain. The optimal eosin concentration varies depending on the desired staining effect and application, with higher concentrations yielding more intense stains and shorter staining times.

Order-No.:	Amount:	Price:
12221.00250	**250 ml**	**17,52**
12221.00500	**500 ml**	**25,76**
12221.01000	**1.000 ml**	**32,62**
12221.02500	**2.500 ml**	**61,10**
12221.05000	**5.000 ml**	**94,75**
12221.10000	**10.000 ml**	**165,42**

Eosin 2%, alcoholic 70%

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)

Staining of tissue samples

Eosin 2%, alcoholic 70%, is a histological and cytological staining solution used to selectively stain basic structures such as proteins, particularly cytoplasm and extracellular matrix. The 2% Eosin concentration and 70% alcohol enable fast diffusion and uniform staining, making it suitable for routine and special staining techniques.

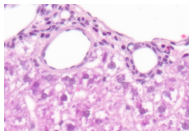
Order-No.:	Amount:	Price:
13733.00100	**100 ml**	**14,60**
13733.00250	**250 ml**	**18,30**
13733.00500	**500 ml**	**21,50**
13733.01000	**1.000 ml**	**35,70**
13733.02500	**2.500 ml**	**68,43**

03. Staining solutions

Eosin 4 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)



Staining of tissue samples

\"Eosin 4%, alcoholic\" is a staining solution for biological and medical research, mainly used to stain basic tissue components such as cell plasma and collagen fibers in red or pink. The alcoholic solution enables fast and effective staining and is often combined with other staining agents to enable differentiated visualizations of tissue structures.

Order-No.:	Amount:	Price:
13745.00100	**100 ml**	**16,39**
13745.00250	**250 ml**	**21,09**
13745.00500	**500 ml**	**24,33**
13745.01000	**1.000 ml**	**43,14**
13745.02500	**2.500 ml**	**83,69**

Eosin bluish 0.5 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosine B (C.I.: 45400)

Staining of tissue samples

The aqueous Eosin bluish 0.5% staining solution is an important tool in biological and medical research, especially in histology and cytology. The acidic dye stains basic tissue components such as cytoplasm and collagen fibers in bright to strong red tones. Eosin is often used in combination with hematoxylin to enable differentiated visualizations of tissue structures.

Order-No.:	Amount:	Price:
16060.00100	**100 ml**	**14,05**
16060.00250	**250 ml**	**18,99**
16060.00500	**500 ml**	**31,99**
16060.01000	**1.000 ml**	**42,23**
16060.02500	**2.500 ml**	**84,67**

Eosin bluish 0.5 %, in Ethanol 70 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosine B (C.I.: 45400)
- Acetic acid 99%

Staining of tissue samples

Eosin bluish 0.5% in ethanol 70% is a staining solution for biological and medical research, especially histology and cytology. The acidic dye stains basic tissue components such as cytoplasm and collagen fibers in red or pink. The bluish variant provides cooler tones and is often combined with hematoxylin (HE stain) for differentiated visualization of tissue structures.

Order-No.:	Amount:	Price:
12714.00250	**250 ml**	**20,01**
12714.00500	**500 ml**	**24,65**
12714.01000	**1.000 ml**	**46,32**
12714.02500	**2.500 ml**	**94,13**

Eosin-Methylene Blue after LEISHMAN

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Glycerol
- Eosin methylene blue, Leishmann

Staining of tissue samples

Leishman's eosin methylene blue solution is a special staining solution for microscopic examination of blood and bone marrow samples. It is used for differentiation of blood cells, diagnosis of blood diseases and identification of blood parasites and requires special techniques for fixation and staining of the samples.

Order-No.:	Amount:	Price:
12418.00100	**100 ml**	**19,55**
12418.00250	**250 ml**	**20,36**
12418.00500	**500 ml**	**21,22**
12418.01000	**1.000 ml**	**36,89**
12418.02500	**2.500 ml**	**68,39**

Eosin-Methylene Blue after WRIGHT

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
-
- Dimethylaminesulfate

Staining of tissue samples

Wright's Eosin Methylene Blue is a staining solution used in hematology and clinical cytology. It allows differential staining of blood cells and is suitable for morphological evaluation of blood smears and bone marrow preparations. The main components are eosin (acid staining) and methylene blue (basic staining). This method is essential for the diagnosis of blood diseases such as anemias, leukemias and other hematological disorders.

Order-No.:	Amount:	Price:
12195.00250	**250 ml**	**19,48**
12195.00500	**500 ml**	**25,65**
12195.01000	**1.000 ml**	**36,70**
12195.02500	**2.500 ml**	**69,19**

Eosin-Nigrosin Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Nigrosine (C.I.: 50420)

Staining of tissue samples

Eosin-Nigrosin is a dye combination of eosin and nigrosin used in biological and medical research to contrast cell structures. Eosin stains cell structures in shades of red and pink, while nigrosine stains the background dark. The staining is used to study cell morphology, cell viability and sperm quality.

Order-No.:	Amount:	Price:
12424.00100	**100 ml**	**53,90**
12424.00250	**250 ml**	**76,16**
12424.00500	**500 ml**	**142,62**
12424.01000	**1.000 ml**	**270,91**

Eosin-Phloxine Solution in 2-Propanol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosine B (C.I.: 45400)
- Phloxin B (C.I.: 45410)

Staining of tissue samples

Eosin-Phloxin solution in 2-propanol is a histological staining method that stains acidic structures and improves visualization of cell structures and tissue components. It is fast, reliable and can be combined with other staining methods. It is suitable for histological and pathological examinations.

Order-No.:	Amount:	Price:
12786.00250	**250 ml**	**17,25**
12786.00500	**500 ml**	**20,38**
12786.01000	**1.000 ml**	**35,27**
12786.02500	**2.500 ml**	**68,57**

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03. Staining solutions

Eosin-Phloxine Solution in Acetic Acid Alcohol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)
- Phloxin B (C.I.: 45410)
- Acetic acid 99%

Staining of tissue samples

The eosin-phloxin solution in acetic acid alcohol is used in histology and cytology for staining cell structures. It contains the dyes eosin and phloxin, which provide excellent contrasting of cellular structures. Acetic acid alcohol as a solvent offers certain advantages such as rapid and uniform staining.

Order-No.:	Amount:	Price:
13558.00100	**100 ml**	**16,95**
13558.00250	**250 ml**	**19,04**
13558.00500	**500 ml**	**21,64**
13558.01000	**1.000 ml**	**34,95**
13558.02500	**2.500 ml**	**64,36**

Eosin-Phloxine Solution, conc.

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Eosin Y (C.I.: 45380)
- Phloxin B (C.I.: 45410)
- 1-Propanol

Staining of tissue samples

Eosin-Phloxin Solution S is a histological staining solution used in microscopic examinations. It enables the differentiated observation of cell and tissue structures by binding the dyes eosin and phloxin. Eosin stains proteins, while phloxin highlights cell nuclei and nucleic acids. The combination of both dyes is important for histopathological diagnostics and research to detect diseases and pathological changes.

Order-No.:	Amount:	Price:
18530.00100	**100 ml**	**15,87**
18530.00250	**250 ml**	**20,63**
18530.00500	**500 ml**	**28,19**
18530.01000	**1.000 ml**	**48,79**
18530.02500	**2.500 ml**	**99,84**

Erythrosine 0,1 %, aqueous, pH 4,0 - 5,5

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Erythrosine B (bluish) (C.I.: 45430)
- Acetic acid 99%

Food sample staining

Erythrosine 0.1% solution is an important component of the staining kit LH: Alciangreen staining and is used in food histology to highlight proteins and carbohydrates. It enables differentiation of plant and animal proteins and is a useful tool in food analysis and control.

Order-No.:	Amount:	Price:
14556.00100	**100 ml**	**13,74**
14556.00250	**250 ml**	**19,40**
14556.00500	**500 ml**	**21,39**
14556.01000	**1.000 ml**	**40,20**
14556.02500	**2.500 ml**	**79,11**

Erythrosine B 1.0 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Erythrosine B (bluish) (C.I.: 45430)

Food sample staining

Erythrosine B is an artificial, tar-based dye used in histological laboratories for contrasting and visualizing cell structures. It obtains its specific bluish staining power from combinations of halogens and oxygen. The application supports the diagnosis of diseases.

Order-No.:	Amount:	Price:
19477.00100	**100 ml**	**22,36**
19477.00250	**250 ml**	**44,17**
19477.00500	**500 ml**	**73,13**
19477.01000	**1.000 ml**	**139,27**
19477.02500	**2.500 ml**	**310,28**

Evans Blue 2 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- 6,6'-(3,3'-Dimethyl(1,1'-biphenyl)-4,4'-diylbisazobis(4-amino-5-hydroxy) -1,3-naphthalindisulfonsäure Tetranatrium-Salz (C.I.: 23860)

Staining of tissue samples

Evans Blue is an aqueous dye and biochemical used in research and medical diagnostics. With its ability to bind and visualize proteins, it is particularly useful in histology and cytology. It helps in albumin identification, protein loss and blood vessel permeability study.

Order-No.:	Amount:	Price:
14745.00100	**100 ml**	**49,11**
14745.00250	**250 ml**	**65,64**
14745.00500	**500 ml**	**111,23**
14745.01000	**1.000 ml**	**214,16**
14745.02500	**2.500 ml**	**489,01**

Fast Green FCF 0.01%, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Fast Green FCF (C.I.: 42053)

Staining of tissue samples

Fast Green FCF 0.01% is an aqueous biological dye used in in vitro diagnostics for histological and microscopic examinations. It is characterized by high water solubility, stable color effect, higher stability and acid resistance and enables differentiated staining by binding to proteins and collagen structures.

Order-No.:	Amount:	Price:
15832.00100	**100 ml**	**14,29**
15832.00250	**250 ml**	**18,50**
15832.00500	**500 ml**	**20,18**
15832.01000	**1.000 ml**	**32,76**
15832.02500	**2.500 ml**	**58,51**

Fast Green FCF 0.1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Fast Green FCF (C.I.: 42053)
- Acetic acid 99%

Staining of tissue samples

Fast Green FCF 0.1 % is a diagnostic solution for in vitro diagnostics, consisting of true green FCF, ultrapure water and acetic acid. It is used as a contrast agent in histology and is particularly important for trichrome staining according to MILLIGAN. The solution enables visualization of collagen structures in tissue samples.

Order-No.:	Amount:	Price:
16596.00100	**100 ml**	**17,49**
16596.00250	**250 ml**	**20,59**
16596.00500	**500 ml**	**23,24**
16596.01000	**1.000 ml**	**41,14**
16596.02500	**2.500 ml**	**78,67**

FIELD's Staining Solution A

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)
-
- Potassium dihydrogen phosphate

Staining of tissue samples

Field-Stain Solution A is an important component in the microscopic imaging of cells and parasites. The contained dyes methylene blue and azure II bind to nucleic acids and proteins, enable the identification of cell nuclei and intracellular parasites such as malaria pathogens. Together with Solution B, a comprehensive picture of the cells and parasites is obtained.

Order-No.:	Amount:	Price:
15354.00100	**100 ml**	**16,78**
15354.00250	**250 ml**	**20,24**
15354.00500	**500 ml**	**22,05**
15354.01000	**1.000 ml**	**38,26**
15354.02500	**2.500 ml**	**72,91**

03. Staining solutions

FIELD's Staining Solution B

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Potassium dihydrogen phosphate

Staining of tissue samples

Field-Stain Solution B is an essential component of microscopic cell and parasite imaging and is applied after Solution A. It stains the cytoplasm and extracellular structures by eosin, which binds to proteins. The combination of both solutions allows comprehensive visualization of cell structures and identification of intracellular parasites such as malaria pathogens.

Order-No.:	Amount:	Price:
15348.00100	**100 ml**	**14,09**
15348.00250	**250 ml**	**15,52**
15348.00500	**500 ml**	**21,05**
15348.01000	**1.000 ml**	**28,34**
15348.02500	**2.500 ml**	**52,56**

Fuchsine Chrysoidine - Astra Blue after ETZOLD

Lagerung: *15 … 25 °C*

Relevant Incredients:
- New Fuchsin (C.I.: 42520)
- Chrysoidine G (C.I.: 11270)
- Astra Blue (C.I.: 48048)
- Acetic acid 99%

Staining of tissue samples

Fuchsin-Chrysoidin-Astrablau (FCA) according to Etzold is a botanical staining method for the examination of plant cells and tissues. The mixture of neufuchsin, chrysoidin G, astra blue and acetic acid enables the visualization and differentiation of various cell structures and tissue components.

Order-No.:	Amount:	Price:
11742.00100	**100 ml**	**14,62**
11742.00250	**250 ml**	**17,05**
11742.00500	**500 ml**	**25,87**
11742.01000	**1.000 ml**	**34,46**
11742.02500	**2.500 ml**	**66,69**

Fuchsine Phenol Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Fuchsine (C.I.: 42510)
- Methyl alcohol
- Phenol

Staining of tissue samples

The fuchsin-phenol solution is an aqueous solution that is particularly suitable for staining bacteria for microscopy. It is based on the electrostatic attraction between the basic fuchsin and acidic components of the bacterial cell wall and enables precise identification and differentiation of various bacterial species.

Order-No.:	Amount:	Price:
13162.00100	**100 ml**	**25,38**
13162.00250	**250 ml**	**34,77**
13162.00500	**500 ml**	**43,29**
13162.01000	**1.000 ml**	**85,67**

GABETT's Methylene Blue 0.1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)

Staining of tissue samples

The 0.1% methylene blue solution is used in histology and microbiological diagnostics to stain bacterial cultures to highlight the presence and morphology of microorganisms. The ability of methylene blue to selectively interact with specific cell structures allows for differential visualization of cellular components. Methylene blue is also known as a redox indicator and is used in other areas of life science. Overall, the methylene blue solution is an important tool for microscopic diagnostics and research.

Order-No.:	Amount:	Price:
13771.00100	**100 ml**	**13,39**
13771.00250	**250 ml**	**15,94**
13771.00500	**500 ml**	**21,38**
13771.01000	**1.000 ml**	**28,14**
13771.02500	**2.500 ml**	**51,21**
13771.05000	**5.000 ml**	**82,75**

Gallocyanin Chromalaun after EINARSON

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromalaun pure
- Gallocyanine (C.I.: 51030)
- Hydrochloric Acid 37%

Staining of tissue samples

Gallocyanin Chromalaun staining according to Einarson is a histological method for visualizing nucleic acids in cell nuclei and cell structures. It is based on gallocyanin and chromalaun and allows selective visualization of DNA and RNA by blue-violet staining. It is used in histology and cytology for the examination of tissue sections and cytological specimens.

Order-No.:	Amount:	Price:
10201.00250	**250 ml**	**53,10**
10201.00500	**500 ml**	**94,14**
10201.01000	**1.000 ml**	**178,68**

Gentian Violet / Methyl Violet in Acetic Acid, 5.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Crystal Violet (C.I.: 42555)
- Acetic acid 99%

Staining of tissue samples

Gentian violet or methyl violet in acetic acid is a staining solution used in microbiology, histology and cytology to highlight cell structures and tissue components. It is commonly used for Gram staining to distinguish bacteria and for visualizing various cell structures in combination with other dyes.

Order-No.:	Amount:	Price:
11748.00250	**250 ml**	**24,26**
11748.00500	**500 ml**	**36,81**
11748.01000	**1.000 ml**	**48,65**

Gentian Violet 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Crystal Violet (C.I.: 42555)

Staining of tissue samples

Gentian violet 1% is an aqueous solution used in microbiology and histology to stain bacteria and distinguish them from fungi and parasites. It is a basic dye that selectively binds to specific cell structures and provides accurate and reproducible results thanks to the uniform distribution and efficient penetration of the aqueous base.

Order-No.:	Amount:	Price:
13056.00100	**100 ml**	**35,62**
13056.00250	**250 ml**	**41,39**
13056.00500	**500 ml**	**57,25**
13056.01000	**1.000 ml**	**105,92**
13056.02500	**2.500 ml**	**226,60**

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all prices are EXW Frankfurt and excl. VAT

03. Staining solutions

Gentian Violet, saturated aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Crystal Violet (C.I.: 42555)

Staining of tissue samples

Gentian violet is an intense violet saturated aqueous solution of triphenylmethane dye and water. It is used in microbiology and histology, especially for Gram staining of bacteria, treatment of fungal skin infections and as a pH indicator in the laboratory.

Order-No.:	Amount:	Price:
11752.00100	**100 ml**	**46,35**
11752.00250	**250 ml**	**61,44**
11752.00500	**500 ml**	**98,68**
11752.01000	**1.000 ml**	**186,11**

Gentiana Violet / Methyl Violet with Acetic Acid, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Crystal Violet (C.I.: 42555)

Bacteria staining

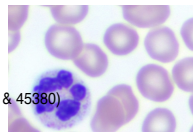
Gentian violet / Methyl violet acidified, aqueous is a medical and scientific solution consisting of distilled water, acetic acid 99% and the dye Gentian violet B / Methyl violet. It is used in medical diagnostics, histology and scientific laboratories, such as staining of cellular components, gram-positive bacterial staining, skin disinfection, and blackening and contrasting of specimens for microscopy.

Order-No.:	Amount:	Price:
11507.00100	**100 ml**	**17,49**
11507.00250	**250 ml**	**18,87**
11507.00500	**500 ml**	**25,77**
11507.01000	**1.000 ml**	**34,42**
11507.02500	**2.500 ml**	**64,54**

GIEMSA's Stock Solution (Original)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Glycerol
- Giemsa stain (Azur mixture) (C.I.: 52015 & 45380)



Blood smear staining

Giemsa staining is a method in histology and cytology to visualize cells and cell structures. It is used in the diagnosis of blood and bone marrow diseases as it can differentially visualize various cell types. The stock solution contains dyes such as Azure A, Azure B, Eosin Y and Methylene Blue and is diluted before use.

Order-No.:	Amount:	Price:
11418.00100	**100 ml**	**18,96**
11418.00250	**250 ml**	**23,76**
11418.00500	**500 ml**	**34,36**
11418.01000	**1.000 ml**	**57,55**
11418.02500	**2.500 ml**	**119,93**
11418.05000	**5.000 ml**	**224,62**
11418.10000	**10.000 ml**	**432,04**
11418.25000	**25.000 ml**	**1130,86**

GOMORI's Differentiation Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphotungstic acid
- Acetic acid 99%

Staining of tissue samples

The GOMORI differentiation solution is part of the GOMORI trichrome staining and consists of phosphotungstic acid and acetic acid. It improves differentiation and contrast of tissue structures such as collagen fibers, epithelium, cytoplasm, erythrocytes and muscle tissue and helps to remove excess dyes. Together with other components, it enables detailed and high-contrast imaging in histological sections.

Order-No.:	Amount:	Price:
12050.00100	**100 ml**	**11,59**
12050.00250	**250 ml**	**19,11**
12050.00500	**500 ml**	**24,69**
12050.01000	**1.000 ml**	**42,73**

GOMORI's Trichrome Solution with Aniline Blue

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromotrope 2R (C.I.: 16570)
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Phosphotungstic acid
- Acetic acid 99%

Staining of tissue samples

The GOMORI trichrome solution with aniline blue is a staining solution used in histology specifically for the visualization of cell structures and tissues. It is used especially for the examination of muscle fibers, connective tissue and extracellular matrix structures and enables a detailed examination of the different tissue components.

Order-No.:	Amount:	Price:
12901.00100	**100 ml**	**27,37**
12901.00250	**250 ml**	**38,36**
12901.00500	**500 ml**	**75,36**
12901.01000	**1.000 ml**	**116,03**
12901.02500	**2.500 ml**	**256,07**

GOMORI's Trichrome Solution with Light Green

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chromotrope 2R (C.I.: 16570)
- Light Green SF Yellowish (C.I.: 42095)
- Phosphotungstic acid
- Sodium benzoate

Staining of tissue samples

The GOMORI trichrome solution with light green is a variant of the GOMORI trichrome stain in which aniline blue is replaced by light green yellowish. This results in altered coloration, allows for better contrast and differentiation of tissue structures, and alternative visualization of collagenous fibers. The remaining steps and components of the staining method remain unchanged.

Order-No.:	Amount:	Price:
11974.00100	**100 ml**	**23,58**
11974.00250	**250 ml**	**39,20**
11974.00500	**500 ml**	**64,95**
11974.01000	**1.000 ml**	**123,09**

HANSEN's Picric Fuchsine

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric acid (C.I.: 10305)
- Acid Fuchsine (C.I.: 42685)

Picrofuchsin according to Hansen is a histological staining solution consisting of fuchsin, picric acid and acetic acid, which is used to visualize fibrous connective tissue such as collagen fibers. It allows differential visualization of tissue components and can be used in combination with other staining methods, such as hematoxylin, to achieve better differentiation and analysis of tissue structures.

Order-No.:	Amount:	Price:
10345.00250	**250 ml**	**34,48**
10345.00500	**500 ml**	**46,10**
10345.01000	**1.000 ml**	**68,13**
10345.02500	**2.500 ml**	**140,52**

03. Staining solutions

HANSEN's Picric Fuchsine

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated aqueous
- Acid Fuchsine (C.I.: 42685)
- Methyl Blue (C.I.: 42780)
- Lithium Carbonate, saturated (~ 1.3 %)
- Glycerol
- Aqua dest. / pure water

Staining of tissue samples

Picro Polychrome Solution is a special single-cell solution used in histology and scientific laboratories for in vitro diagnostics. It enables detailed examination of tissue samples by specific staining, selectively staining tissue components to facilitate tissue differentiation. Main components are picric acid, acid fuchsin, methyl blue, lithium carbonate and glycerol.

Order-No.:	Amount:	Price:
18427.00100	**100 ml**	**49,78**
18427.00250	**250 ml**	**60,72**
18427.00500	**500 ml**	**87,51**
18427.01000	**1.000 ml**	**137,32**

HAYEM's Reagent for Erythrocyte Count

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium sulfate
- Sodium chloride
- Mercury(II) chloride

Erythrocyte staining

HAYEM's Reagent is used for quantitative determination of the number of red blood cells (erythrocytes) in blood samples. It protects the erythrocytes from hemolysis and prevents their agglutination. Its composition enables precise determination of erythrocyte concentration in a blood sample.

Order-No.:	Amount:	Price:
13025.00100	**100 ml**	**21,84**
13025.00250	**250 ml**	**31,76**
13025.00500	**500 ml**	**46,93**
13025.01000	**1.000 ml**	**64,89**

Hematoxylin acc. to HARRIS (Q)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hematoxylin (C.I.: 75290)
- Ethyl alcohol
- Potassium alum
- Mercury(II) oxide
- Acetic acid 99%

Cell nuclei staining

Hematoxylin according to HARRIS (Q) is a dye used in in vitro diagnostics, histology and scientific laboratories for staining acidic structures such as cell nuclei, DNA and the rough endoplasmic reticulum. Oxidation to hematein stabilizes the dye and enables targeted staining of acidic structures in samples.

Order-No.:	Amount:	Price:
10222.00100	**100 ml**	**38,28**
10222.00250	**250 ml**	**42,00**
10222.00500	**500 ml**	**55,40**
10222.01000	**1.000 ml**	**104,60**
10222.02500	**2.500 ml**	**223,46**

Hematoxylin according to GILL - II

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethylene glycol 99,8 %
- Aluminium sulphate hydrate • 14 H2O
- Hematoxylin (C.I.: 75290)
- Sodium iodate
- Acetic acid 99%

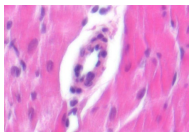
Cell nuclei staining

Gill-II hematoxylin is a histological staining method developed by Dr. Richard W. Gill that stains cell nuclei and basophilic structures in tissue sections. Compared to Gill-I, Gill-II is more concentrated, allowing for more intense staining and shorter staining times. It is often combined with eosin or other stains.

Order-No.:	Amount:	Price:
11769.00100	**100 ml**	**14,45**
11769.00250	**250 ml**	**19,03**
11769.00500	**500 ml**	**21,98**
11769.01000	**1.000 ml**	**40,52**
11769.02500	**2.500 ml**	**80,44**

Hematoxylin acid according to MAYER

Lagerung: *15 … 25 °C*



Relevant Incredients:
- Hematoxylin (C.I.: 75290)
- Potassium alum
- Chloral hydrate
- Citric acid
- Sodium iodate

Cell nuclei staining

Mayer's acidic hematoxylin staining method is used to stain cell nuclei and other basophilic structures in tissue sections and allows better differentiation of cell structures by combination with other dyes.

Order-No.:	Amount:	Price:
10231.00100	**100 ml**	**15,13**
10231.00250	**250 ml**	**20,08**
10231.00500	**500 ml**	**27,09**
10231.01000	**1.000 ml**	**35,49**
10231.02500	**2.500 ml**	**70,01**
10231.05000	**5.000 ml**	**112,09**
10231.10000	**10.000 ml**	**197,12**
10231.25000	**25.000 ml**	**513,13**

Hematoxylin acidic after EHRLICH

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)
- Glycerol
- Potassium alum
- Acetic acid 99%

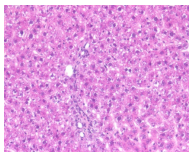
Cell nuclei staining

Hematoxylin acidic according to Ehrlich is a staining solution specially developed for the selective staining of cell nuclei and basophilic structures in biological specimens. By using hematoxylin, aluminum sulfate and sodium iodate, improved staining and binding of the stain to the tissue is achieved. The solution is suitable for various applications such as histological examinations and cell-based studies.

Order-No.:	Amount:	Price:
10228.00250	**250 ml**	**26,42**
10228.00500	**500 ml**	**35,54**
10228.01000	**1.000 ml**	**64,44**

Hematoxylin acidic after MAYER – (S)

Lagerung: *15 … 25 °C*



Relevant Incredients:
- Potassium alum
- Chloral hydrate
- Hematoxylin (C.I.: 75290)
- Citric acid
- Sodium iodate

Cell nuclei staining

Hematoxylin acidic according to Mayer (S) is a solution used to stain basophilic tissue structures such as cell nuclei and the rough endoplasmic reticulum. The acidic formulation reduces the staining of erythrocytes, making the nuclei more visible. The solution is based on the formation of stable hemalaun complexes and is characterized by a balanced composition.

Order-No.:	Amount:	Price:
11895.00100	**100 ml**	**16,65**
11895.00250	**250 ml**	**18,86**
11895.00500	**500 ml**	**23,90**
11895.01000	**1.000 ml**	**40,94**
11895.02500	**2.500 ml**	**81,74**
11895.05000	**5.000 ml**	**145,41**

03. Staining solutions

Hematoxylin acidic after MAYER (H3)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium alum
- Chloral hydrate
- Hematoxylin (C.I.: 75290)
- Citric acid
- Sodium iodate

Cell nuclei staining

Mayer's hematoxylin acidic is a histological staining method that uses the natural dye hematoxylin to stain acidic structures such as cell nuclei and DNA blue. The modified Mayer version provides a more stable, less toxic solution and prevents erythrocyte staining. It is often combined with contrasting dyes to better differentiate cell structures.

Order-No.:	Amount:	Price:
16133.00100	**100 ml**	**17,90**
16133.00250	**250 ml**	**21,92**
16133.00500	**500 ml**	**34,68**
16133.01000	**1.000 ml**	**46,44**
16133.02500	**2.500 ml**	**92,12**
16133.05000	**5.000 ml**	**166,58**

Hematoxylin after BOEHMER

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)
- Sodium iodate
- Aluminium ammonium sulphate dodecahydrate p. A.

Cell nuclei staining

Böhmer's hematoxylin solution is a formulation widely used in histology and cytology for staining cell nuclei. It contains hematoxylin as a dye, which forms hematein by oxidation with sodium iodate. This binds to DNA in cell nuclei and allows intense blue-violet staining and detailed morphological evaluation.

Order-No.:	Amount:	Price:
12662.00250	**250 ml**	**36,10**
12662.00500	**500 ml**	**56,54**
12662.01000	**1.000 ml**	**105,06**
12662.02500	**2.500 ml**	**228,13**

Hematoxylin after DELAFIELD

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hematoxylin (C.I.: 75290)
- Ethyl alcohol
- Aluminium ammonium sulphate dodecahydrate p. A.
- Glycerol
- Sodium iodate

Cell nuclei staining

Delafield hematoxylin is a histological staining method that uses hematoxylin as the main dye for staining cell nuclei and basophilic structures in tissue samples. The method is characterized by high color intensity and durability and is suitable for histological and histopathological analyses. It is often combined with other staining methods, such as eosin staining.

Order-No.:	Amount:	Price:
12388.00100	**100 ml**	**24,13**
12388.00250	**250 ml**	**36,18**
12388.00500	**500 ml**	**56,05**
12388.01000	**1.000 ml**	**103,51**
12388.02500	**2.500 ml**	**223,69**

Hematoxylin after GILL - I

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethylene glycol 99,8 %
- Aluminium sulphate hydrate • 14 H2O
- Sodium iodate
- Hematoxylin (C.I.: 75290)

Cell nuclei staining

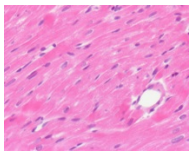
Gill-I Hematoxylin is a histological staining method developed by Dr. Richard W. Gill for staining cell nuclei and basophilic structures in tissue sections. It provides improved staining intensity and faster staining than conventional hematoxylin and is often combined with eosin or other stains.

Order-No.:	Amount:	Price:
10216.00100	**100 ml**	**15,10**
10216.00250	**250 ml**	**18,56**
10216.00500	**500 ml**	**23,10**
10216.01000	**1.000 ml**	**34,89**
10216.02500	**2.500 ml**	**65,68**

Hematoxylin after GILL - III

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethylene glycol 99,8 %
- Aluminium sulphate hydrate • 14 H2O
- Acetic acid 99%
- Hematoxylin (C.I.: 75290)
- Sodium iodate



Cell nuclei staining

Gill-III hematoxylin is a variant of the Gill hematoxylin staining methods of Dr. Richard W. Gill. It is used to stain cell nuclei and basophilic structures in tissue sections. The main difference from Gill-I and Gill-II is the stronger hematoxylin concentration, which allows for more intense staining. Gill-III is often combined with eosin or other dyes to achieve differentiated visualizations of tissue structures.

Order-No.:	Amount:	Price:
11773.00100	**100 ml**	**14,76**
11773.00250	**250 ml**	**20,63**
11773.00500	**500 ml**	**25,73**
11773.01000	**1.000 ml**	**48,04**
11773.02500	**2.500 ml**	**98,35**

Hematoxylin after HANSEN

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium alum
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)
- Potassium permanganate

Cell nuclei staining

Hansen's Hematoxylin is a staining solution used in histology and cytology to visualize cell nuclei and other basophilic structures. The solution contains potassium alum, potassium permanganate and ethanol, which provide intense and stable staining.

Order-No.:	Amount:	Price:
10219.00100	**100 ml**	**19,61**
10219.00250	**250 ml**	**23,09**
10219.00500	**500 ml**	**28,50**
10219.01000	**1.000 ml**	**51,14**
10219.02500	**2.500 ml**	**101,81**

Hematoxylin after LILLIE

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hematoxylin (C.I.: 75290)
- Aluminium ammonium sulphate dodecahydrate p. A.
- Sodium iodate
- Glycerol
- Acetic acid 99%

Cell nuclei staining

Hematoxylin according to LILLIE is an in vitro diagnostic agent for the identification of basophilic structures in tissue sections. It allows reliable staining by oxidation of hematoxylin and formation of hematein complexes with high affinity to acidic cell structures. The application facilitates precise histological evaluation.

Order-No.:	Amount:	Price:
15541.00100	**100 ml**	**18,26**
15541.00250	**250 ml**	**31,89**
15541.00500	**500 ml**	**47,04**
15541.01000	**1.000 ml**	**86,34**
15541.02500	**2.500 ml**	**183,98**

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03. Staining solutions

Hematoxylin after MASSON

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium alum
- Hematoxylin (C.I.: 75290)

Cell nuclei staining

Masson's Hematoxylin is a modified staining solution used in histology and pathology for the study of collagen fibers and tissue structures. The solution stains cell nuclei blue-black and is used in combination with other dyes to enable detailed analyses of cell and tissue structures, connective tissue, musculature and inflammatory reactions.

Order-No.:	Amount:	Price:
11717.00250	**250 ml**	**20,45**
11717.00500	**500 ml**	**28,18**
11717.01000	**1.000 ml**	**40,56**

Hematoxylin after MAYER (H1)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hematoxylin (C.I.: 75290)
- Sodium iodate
- Potassium alum
- Chloral hydrate
- Citric acid

Cell nuclei staining

Mayer's hematoxylin acidic (H1) is a solution used in histology and pathology for staining cell nuclei and other basophilic structures. The solution contains hematoxylin, which binds to basophilic structures such as nucleic acids and stains them blue-violet. The solution is suitable for a wide range of applications and features high sensitivity and specificity as well as adaptability.

Order-No.:	Amount:	Price:
12782.00100	**100 ml**	**19,08**
12782.00250	**250 ml**	**21,57**
12782.00500	**500 ml**	**33,99**
12782.01000	**1.000 ml**	**45,04**
12782.02500	**2.500 ml**	**87,69**

Hematoxylin after MAYER *unleavened*

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium alum
- Chloral hydrate
- Hematoxylin (C.I.: 75290)
- Sodium iodate

Cell nuclei staining

The dye hematoxylin stains acidic structures, especially cell nuclei and DNA, blue. The Mayer's hematoxylin acid staining method uses Mayer's acid hematoxylin, a modified version of the classic hematoxylin stain, to stain cell nuclei and basophilic structures in tissue sections. The method is often combined with contrasting dyes to allow better differentiation of cell structures.

Order-No.:	Amount:	Price:
11932.00250	**250 ml**	**18,97**
11932.00500	**500 ml**	**24,84**
11932.01000	**1.000 ml**	**38,41**
11932.02500	**2.500 ml**	**74,50**

Hematoxylin for Amoebia Staining

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)

Cell nuclei staining

Hematoxylin for amoeba staining is mainly used for staining cell nuclei in medical and histological diagnostics. It enables specific labeling of cell nuclei and DNA, facilitates the analysis of cell structures and supports precise diagnostic assessments.

Order-No.:	Amount:	Price:
16400.00100	**100 ml**	**32,13**
16400.00250	**250 ml**	**38,26**
16400.00500	**500 ml**	**55,22**
16400.01000	**1.000 ml**	**99,28**
16400.02500	**2.500 ml**	**215,08**

Hematoxyline 10 %, alc.

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)

Cell nuclei staining

Hematoxylin 10%, alcoholic is a widely used solution in histology, in vitro diagnostics and scientific laboratories. It consists mainly of ethanol and hematoxylin, a natural dye that stains acidic cell structures blue. The solution facilitates the examination of cell tissue samples, supports the diagnosis of disease patterns and research in cell biology.

Order-No.:	Amount:	Price:
18708.00100	**100 ml**	**50,94**
18708.00250	**250 ml**	**141,01**
18708.00500	**500 ml**	**232,79**
18708.01000	**1.000 ml**	**443,14**
18708.02500	**2.500 ml**	**1032,97**

Hematoxyline 5%, alc.

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)

Cell nuclei staining

Hematoxylin 5% alcoholic is a histological staining solution used for staining cell nuclei in tissue sections and cytological specimens. The natural stain is derived from Haematoxylum campechianum and its alcoholic solution allows for faster penetration and staining. Frequently, hematoxylin is combined with counterstains such as eosin to better delineate cell structures and tissue types.

Order-No.:	Amount:	Price:
11217.00100	**100 ml**	**31,72**
11217.00250	**250 ml**	**78,39**
11217.00500	**500 ml**	**125,90**
11217.01000	**1.000 ml**	**239,21**
11217.02500	**2.500 ml**	**543,73**

Hematoxyline acidic after Mayer

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aluminium sulphate hydrate • 14 H2O
- Hematoxylin (C.I.: 75290)
- Citric acid

Cell nuclei staining

Mayer's hematoxylin acidic is a histological staining method that uses modified Mayer's hematoxylin to stain acidic structures such as cell nuclei and DNA blue. The acidic formulation prevents erythrocyte staining and improves the visibility of cell nuclei. The method is often combined with contrasting dyes such as eosin.

Order-No.:	Amount:	Price:
11427.00100	**100 ml**	**14,40**
11427.00250	**250 ml**	**21,75**
11427.00500	**500 ml**	**35,47**
11427.01000	**1.000 ml**	**44,12**
11427.02500	**2.500 ml**	**84,91**

03. Staining solutions

Indigo carmine 0.25 % strength

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Indigo carmine (C.I.: 73015)
- Aqua dest. / pure water

Food sample staining

Indigo Carmine 0.25% is a water-soluble blue solution used in food histology, especially for the examination of seafood and dairy products. It enables detailed visualization of structures and supports accurate assessments of the quality and freshness of these foods.

Order-No.:	Amount:	Price:
17588.00100	**100 ml**	**24,02**
17588.00250	**250 ml**	**29,14**
17588.00500	**500 ml**	**49,56**
17588.01000	**1.000 ml**	**70,28**
17588.02500	**2.500 ml**	**142,23**

Indigocarmin Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 1 %
- Indigo carmine (C.I.: 73015)

Staining of tissue samples

Indigo carmine solution is a histological stain that uses indigo carmine dye to form specific bonds with glandular tissues. Hydrophobic and electrostatic interactions result in intense blue staining that allows differentiation of glandular tissue.

Order-No.:	Amount:	Price:
14514.00100	**100 ml**	**19,95**
14514.00250	**250 ml**	**24,57**
14514.00500	**500 ml**	**32,82**
14514.01000	**1.000 ml**	**47,84**
14514.02500	**2.500 ml**	**91,67**

Iodine - Potassium Iodid (LUGOL's solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium iodide
- Iodine

Staining of tissue samples

Iodine Potassium Iodite 5% Iodine, also called Lugol's solution, is an important solution in medicine and science. It consists of iodine, potassium iodide and water and is used for staining cell structures, Gram stain of bacteria and detection of starch, chitin and alkaloids.

Order-No.:	Amount:	Price:
19057.00100	**100 ml**	**16,03**
19057.00250	**250 ml**	**41,16**
19057.00500	**500 ml**	**74,09**
19057.01000	**1.000 ml**	**138,27**
19057.02500	**2.500 ml**	**302,89**
19057.05000	**5.000 ml**	**595,15**
19057.10000	**10.000 ml**	**1144,34**
19057.20000	**20.000 ml**	**2201,91**
19057.25000	**25.000 ml**	**2730,62**
19057.30000	**30.000 ml**	**10713,60**

Iodine - Potassium Iodid (LUGOL's solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium iodide
- Iodine

Staining of tissue samples

Iodine Potassium Iodite 2% Iodine, also called Lugol's solution, is important in medicine and science. It consists of iodine, potassium iodide and water and forms triiodide ions. The solution is used in histology for cell staining and bacterial differentiation, and for the detection of starch, chitin and alkaloids.

Order-No.:	Amount:	Price:
19067.00100	**100 ml**	**12,29**
19067.00250	**250 ml**	**28,49**
19067.00500	**500 ml**	**42,57**
19067.01000	**1.000 ml**	**80,21**
19067.02500	**2.500 ml**	**174,07**
19067.05000	**5.000 ml**	**334,04**
19067.10000	**10.000 ml**	**646,10**
19067.20000	**20.000 ml**	**1178,78**
19067.25000	**25.000 ml**	**1445,03**
19067.30000	**30.000 ml**	**1710,45**

Iodine - Potassium Iodit Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iodine
- Potassium iodide

Staining of tissue samples

The iodine-potassium iodide reagent solution is used in life sciences and medical diagnostics. It is important for starch identification, detection methods in analytical chemistry and microbiology, and explores metabolic processes and enzymatic reactions.

Order-No.:	Amount:	Price:
14191.00100	**100 ml**	**13,48**
14191.00250	**250 ml**	**17,36**
14191.00500	**500 ml**	**19,08**
14191.01000	**1.000 ml**	**35,71**
14191.02500	**2.500 ml**	**69,60**

Iodine 3 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Iodine

Bacteria staining

Iodine solution is an important reagent in microbiology, especially in Gram staining. It stabilizes the staining of bacterial cell walls by crystal violet and has a strong oxidizing effect, providing antimicrobial activity. The solution has high purity and stability and is crucial for its specific chemical properties and reactions.

Order-No.:	Amount:	Price:
11816.00100	**100 ml**	**18,70**
11816.00250	**250 ml**	**25,19**
11816.00500	**500 ml**	**35,52**
11816.01000	**1.000 ml**	**67,01**

Iodine-Iodide Solution after GRAM

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Iodine
- Potassium iodide

Staining of tissue samples

GRAM iodine-potassium iodide solution is an important component of Gram staining, a common method in histology and microbiology for classifying bacteria. It enables the distinction between Gram-positive and Gram-negative bacteria, which is crucial for the diagnosis and treatment of infections.

Order-No.:	Amount:	Price:
14660.00100	**100 ml**	**12,25**
14660.00250	**250 ml**	**28,19**
14660.00500	**500 ml**	**41,83**
14660.01000	**1.000 ml**	**79,05**
14660.02500	**2.500 ml**	**169,80**

Iodine-potassium iodite (LUGOL solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iodine
- Potassium iodide

Staining of tissue samples

Iodine-potassium iodite solution, also called Lugol's solution, is a brown chemical solution used in histology, cytology and medicine. It is used for staining and identification of starch and glycogen in tissue sections, thyroid disorders, and as an antiseptic and contrast agent. Its use is only as a laboratory chemical and requires safety regulations.

Order-No.:	Amount:	Price:
10255.00100	**100 ml**	**18,70**
10255.00250	**250 ml**	**23,03**
10255.00500	**500 ml**	**29,79**
10255.01000	**1.000 ml**	**54,62**
10255.02500	**2.500 ml**	**113,16**

03. Staining solutions

KINYOUN's Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Phenol
- Fuchsine (C.I.: 42510)

Bacteria / sperm staining

KINYOUN solution is a critical component of the Kinyoun cold staining method for the detection of mycobacteria, especially Mycobacterium tuberculosis. It enables the intense red staining of bacteria by interaction with their cell wall and supports the diagnosis of tuberculosis and other mycobacterial diseases in microscopic laboratory diagnostics.

Order-No.:	Amount:	Price:
15136.00100	**100 ml**	**21,76**
15136.00250	**250 ml**	**26,78**
15136.00500	**500 ml**	**38,87**
15136.01000	**1.000 ml**	**73,41**
15136.02500	**2.500 ml**	**156,77**

Kit: GIEMSA's modified for Heliobacter pylori

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- GIEMSA's Stock Solution (Original), Artikel-Nr.:11418
- Aqua bidest., Artikel-Nr.:R00027
- Acetic Acid 99 % (Glacial Acid), Artikel-Nr.:11998

Staining of bacteria / tissue samples

The GIEMSA kit for Helicobacter pylori is used for the detection of Helicobacter pylori bacteria in tissue samples responsible for gastric diseases. It is used in histology and scientific laboratories. The staining allows selective visualization and differentiation of the bacteria from other cell structures.

Order-No.:	Amount:	Price:
10327.00100	**100 ml**	**22,11**
10327.00250	**250 ml**	**22,64**
10327.00500	**500 ml**	**27,54**
10327.01000	**1.000 ml**	**26,37**
10327.02500	**2.500 ml**	**37,60**

Kit: Hexazonium pararosaniline

Lagerung: *4 … 8 °C*

Components of this kit:
- Aqua bidest / purified water, Artikel-Nr.:00027
- Hydrochloric Acid 37%, Artikel-Nr.:00231
- Pararosaniline (C.I.: 42500), Artikel-Nr.:00201
- Sodium Nitrite 1.0 mol/l, Artikel-Nr.:13647

Blood and bone marrow staining

The hexazonium pararosaniline kit is suitable for staining blood and bone marrow samples in medical diagnostics, histology and life sciences and enables precise identification of cells by binding to chloroacetate esterase.

Order-No.:	Amount:	Price:
14041.00100	**100 ml**	**49,19**
14041.00250	**250 ml**	**49,93**
14041.00500	**500 ml**	**70,71**
14041.01000	**1.000 ml**	**96,91**
14041.02500	**2.500 ml**	**206,20**

Kit: Methyl Green

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Methyl green pyronine Stock solution A, Artikel-Nr.:11480A
- Methyl green stem B (acetate buffer, pH 4.8), Artikel-Nr.:11480B

Staining of bacteria / tissue samples

The Methyl Green kit contains two main components (Stock Solution A and B Acetate Buffer) and enables methyl green staining in histology and cytology. Methyl green binds mainly to DNA and produces a green stain to visualize cell nuclei and structures with high DNA content. The acetate buffer ensures optimal pH, stability and reproducibility of staining results.

Order-No.:	Amount:	Price:
11483.00100	**100 ml**	**161,08**
11483.00250	**250 ml**	**296,69**
11483.00500	**500 ml**	**602,67**
11483.01000	**1.000 ml**	**1174,25**
11483.02500	**2.500 ml**	**2786,48**

Kit: NEISSER's Staining Working Solution

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- NEISSER's Solution I (Methylene Blue), Artikel-Nr.:13274
- NEISSER's Solution II (Crystal Violet), Artikel-Nr.:13278

Detection of diphtheria bacteria

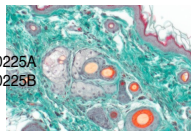
Ready-to-use solution Kit: NEISSER's Staining Working Solution for use in histology or zytology for Detection of diphtheria bacteria

Order-No.:	Amount:	Price:
13290.00100	**100 ml**	**19,28**
13290.00250	**250 ml**	**29,60**
13290.00500	**500 ml**	**48,84**
13290.01000	**1.000 ml**	**95,29**

Kit: REFUSED iron hematoxylin

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- WEIGERT stock solution A, Artikel-Nr.:10225A
- WEIGERT stock solution B, Artikel-Nr.:10225B



Cell nuclei staining

The WEIGERT Iron Hematoxylin kit is a staining kit for histological sections based on Weigert's hematoxylin method. It uses iron compounds (ferric chloride) as oxidizing agents and produces well-defined, dark blue cell nuclei that stand out clearly from the tissue.

Order-No.:	Amount:	Price:
10225.00100	**100 ml**	**36,84**
10225.00250	**250 ml**	**50,88**
10225.00500	**500 ml**	**79,34**
10225.01000	**1.000 ml**	**116,30**
10225.02500	**2.500 ml**	**258,23**
10225.05000	**5.000 ml**	**451,81**
10225.10000	**10.000 ml**	**825,27**

Kit: SAB (Sulfated Alcian Blue) Solution

Lagerung: *15 … 25 °C*

Components of this kit:
- Alcian blue 1 %, alcoholic, Artikel-Nr.:11524
- Sodium Sulphate 1 %, Artikel-Nr.:11512
- Acetic Acid 99 % (Glacial Acid), Artikel-Nr.:11998

Detection of mucopolysaccharides

The SAB kit (Sulfated Alcian Blue) is an in vitro diagnostic for histology and scientific laboratories. It allows the specific detection of acidic mucopolysaccharides and glycosaminoglycans in tissue samples, especially from cartilage, connective tissue and mucosa. The chemical interaction is based on electrostatic interactions, and stained samples can be analyzed microscopically.

Order-No.:	Amount:	Price:
11551.00100	**100 ml**	**23,02**
11551.00250	**250 ml**	**34,80**
11551.00500	**500 ml**	**63,89**
11551.01000	**1.000 ml**	**122,32**
11551.02500	**2.500 ml**	**270,94**

Kit: VERHOEFF's Staining Solution

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- VERHOEFF's Stock Solution A, Artikel-Nr.:10402A
- VERHOEFF's Stock Solution B, Artikel-Nr.:10402B
- VERHOEFF's Stock Solution C, Artikel-Nr.:10402C

Staining of tissue samples

Verhoeff staining solution is a histological method for imaging elastic fibers in tissue sections. It is used in histology and pathology and helps to examine elastic fibers in vessels, lung or skin tissue as well as to assess changes in disease states such as aneurysms, emphysema or skin aging.

Order-No.:	Amount:	Price:
10402.00100	**100 ml**	**32,68**
10402.00250	**250 ml**	**54,52**
10402.00500	**500 ml**	**103,92**
10402.01000	**1.000 ml**	**199,66**

03. Staining solutions

KLEIHAUER Erythrosine 0,1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Erythrosine B (bluish) (C.I.: 45430)

Detection of fetal blood

KLEIHAUER Erythrosine 0.1%, aqueous is an in vitro diagnostic product that detects fetal red blood cells in maternal blood samples. It is used to monitor fetomaternal blood transfer during pregnancy and to diagnose rhesus incompatibility in newborns.

Order-No.:	Amount:	Price:
19240.00100	**100 ml**	**13,74**
19240.00250	**250 ml**	**19,39**
19240.00500	**500 ml**	**21,38**
19240.01000	**1.000 ml**	**40,18**
19240.02500	**2.500 ml**	**79,07**

KLEIHAUER's Stock Solution (HB-F Solution A)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)

Cell nuclei staining

KLEIHAUER Stock Solution A (HB-F Solution A) is an important component for HB-F staining. Together with stock solution B in a ratio of 5:1, it forms the elution solution. Prepared from ethanol, hematoxylin and 1-propanol, it is used to prepare blood smears for efficient elution and counterstaining.

Order-No.:	Amount:	Price:
15668A.00100	**100 ml**	**33,46**
15668A.00250	**250 ml**	**35,17**
15668A.00500	**500 ml**	**64,80**
15668A.01000	**1.000 ml**	**81,02**
15668A.02500	**2.500 ml**	**167,47**

KLEIHAUER's Stock Solution (HB-F Solution B)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %
- Hydrochloric Acid 37%

Cell nuclei staining

Kleihauer Stock Solution B complements Stock Solution A and is mixed in a 5:1 ratio to form the elution solution. It is important for the specific staining of fetal hemoglobin in maternal blood cells and selectively elutes maternal hemoglobin.

Order-No.:	Amount:	Price:
15668B.00100	**100 ml**	**26,68**
15668B.00250	**250 ml**	**30,03**
15668B.00500	**500 ml**	**35,04**
15668B.01000	**1.000 ml**	**42,97**
15668B.02500	**2.500 ml**	**78,65**

Lactophenol Blue Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Glycerol
- Phenol
- Water blue (C.I.: 42755)
- Milchsäure, L(+)-

Mushroom dyeing

Lactophenol blue solution is a mixture of glycerol, phenol, water blue and lactic acid used in mycology for the study of fungi. It provides excellent visualization of fungal structures and facilitates penetration of the dye into cells. Lactic acid serves as a preservative and stabilizes cell structures during examination.

Order-No.:	Amount:	Price:
15907.00100	**100 ml**	**32,64**
15907.00250	**250 ml**	**47,84**
15907.00500	**500 ml**	**79,60**
15907.01000	**1.000 ml**	**153,47**
15907.02500	**2.500 ml**	**338,45**

LADEWIG's Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Methyl orange (C.I.: 13025)
- Acid Fuchsine (C.I.: 42685)

Staining of tissue samples

Ladewig solution is a special staining solution in histology and histopathology used for staining connective tissue structures such as collagen fibers, elastic fibers and cell nuclei. It enables differential visualization of these structures and is helpful in the diagnosis of inflammatory or degenerative diseases.

Order-No.:	Amount:	Price:
11404.00100	**100 ml**	**31,41**
11404.00250	**250 ml**	**48,53**
11404.00500	**500 ml**	**76,80**
11404.01000	**1.000 ml**	**143,68**
11404.02500	**2.500 ml**	**316,89**

Light Green 0.1 % (GOLDNER III)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Light Green SF Yellowish (C.I.: 42095)
- Acetic acid 99%

Staining of tissues

Light Green 0.1% (GOLDNER III) is an aqueous solution mainly used in histological staining to stain collagen fibers and other extracellular matrix components in tissue sections. It is used in combination with other staining agents to facilitate the analysis of morphological changes in pathological processes.

Order-No.:	Amount:	Price:
12949.00250	**250 ml**	**24,50**
12949.00500	**500 ml**	**31,33**
12949.01000	**1.000 ml**	**39,28**
12949.02500	**2.500 ml**	**76,10**

Light Green 0.1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Light Green SF Yellowish (C.I.: 42095)

Staining of tissues

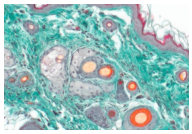
Light green 0.1% in alcoholic solution is a dye used in histology and cytology for staining cell preparations. It allows uniform distribution in tissue and highlights cytoplasmic and extracellular structures. Light green is often combined with other dyes such as hematoxylin or eosin to identify different cell types and morphological changes.

Order-No.:	Amount:	Price:
11751.00100	**100 ml**	**17,55**
11751.00250	**250 ml**	**20,79**
11751.00500	**500 ml**	**23,65**
11751.01000	**1.000 ml**	**41,91**
11751.02500	**2.500 ml**	**80,47**

Light Green 0.2 % (GOLDNER III)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Light Green SF Yellowish (C.I.: 42095)
- Sodium benzoate



Staining of tissue samples

Light Green 0.2% (Goldner III) is a dye solution in the Goldner staining method for visualizing tissue structures and cellular components. The method consists of several steps, with light green staining cytoplasmic and extracellular structures green in the third step. Differential staining allows detailed examination of cell structures and tissues to identify different cell types and morphological changes.

Order-No.:	Amount:	Price:
10267.00100	**100 ml**	**15,03**
10267.00250	**250 ml**	**19,55**
10267.00500	**500 ml**	**32,50**
10267.01000	**1.000 ml**	**40,71**
10267.02500	**2.500 ml**	**80,21**

03. Staining solutions

Light Green 0.5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Light Green SF Yellowish (C.I.: 42095)
- Sodium benzoate

Staining of tissues

The Light Green 0.5% solution is used in histology and cytology for staining cell preparations and tissue sections. It is part of Charvat's trichrome staining and helps to show differences between muscle and connective tissue. The solution stains basic or eosinophilic cell components green and enables differentiated visualization of cytoplasmic and extracellular structures for detailed studies under the microscope.

Order-No.:	Amount:	Price:
14532.00100	**100 ml**	**17,28**
14532.00250	**250 ml**	**27,19**
14532.00500	**500 ml**	**37,10**
14532.01000	**1.000 ml**	**67,53**
14532.02500	**2.500 ml**	**139,71**

Light Green 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Light Green SF Yellowish (C.I.: 42095)
- Sodium benzoate

Staining of tissues

Light Green 2% is a dye solution used in histology and cytology for staining cell preparations. As a synthetic aniline dye, it binds to eosinophilic cell components and enables differentiated examination of cell structures and tissues under the microscope.

Order-No.:	Amount:	Price:
11270.00100	**100 ml**	**36,08**
11270.00250	**250 ml**	**56,07**
11270.00500	**500 ml**	**97,74**
11270.01000	**1.000 ml**	**183,03**

Liquor (CSF) Staining Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Phenol
- Fuchsine (C.I.: 42510)
- Ethyl alcohol

Staining of cerebrospinal fluid cells

CSF staining solution (CSF) is used in cytology to visualize cells in cerebrospinal fluid and study their characteristics. The solution fixes cell structures and stains to cellular proteins, which enables precise diagnosis of infections, tumors or inflammatory diseases.

Order-No.:	Amount:	Price:
12928.00100	**100 ml**	**22,06**
12928.00250	**250 ml**	**33,11**
12928.00500	**500 ml**	**37,80**
12928.01000	**1.000 ml**	**76,52**

Liquor Staining Solution with Basic Violet 1

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Phenol
- Basic Violet 1 (C.I.: 42535)
- Fuchsine (C.I.: 42510)
- Ethyl alcohol

Staining of cerebrospinal fluid cells

CSF Cell Staining Solution with Methyl Violet is a combination of different chemical compounds used in medical diagnostics, especially in histology and scientific laboratories, for staining CSF cells. It improves the visibility of cell structures and facilitates the identification of abnormal cell changes.

Order-No.:	Amount:	Price:
18720.00100	**100 ml**	**23,32**
18720.00250	**250 ml**	**30,47**
18720.00500	**500 ml**	**44,30**
18720.01000	**1.000 ml**	**72,22**

LUGOL's Iodine with Lactic Acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium iodide
- Iodine
- Milchsäure, L(+)-

Staining of tissue samples

LUGOL solution with lactic acid is a laboratory chemical used in staining kits for the identification and differentiation of bacteria and fungi. It consists of water, potassium iodide, iodine and lactic acid and enables the visualization of microscopic structures by an iodine-starch reaction.

Order-No.:	Amount:	Price:
15124.00100	**100 ml**	**18,05**
15124.00250	**250 ml**	**23,31**
15124.00500	**500 ml**	**31,58**
15124.01000	**1.000 ml**	**59,51**
15124.02500	**2.500 ml**	**124,63**

LUGOL's Iodine, stabilized with PVP

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iodine
- Potassium iodide
- Polyvinylpyrrolidon, vernetzt

Staining of tissue samples

LUGOLsche solution stabilized with PVP is an iodine-containing solution used in histology, cytology and medical diagnostics. It is used for staining glycogen and mucins and in thyroid diagnostics. PVP improves the shelf life, distribution and safety of the solution.

Order-No.:	Amount:	Price:
10258.00100	**100 ml**	**23,30**
10258.00250	**250 ml**	**26,53**
10258.00500	**500 ml**	**35,72**
10258.01000	**1.000 ml**	**64,91**
10258.02500	**2.500 ml**	**133,64**

Luxol Fast Blue Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Luxol Fast Blue MBSN (C.I.: 74180)
- 1-Propanol

Staining of tissue samples

Luxol Fast Blue (LFB) is a stain used in histology and neuropathology for staining myelin. It enables the visualization of myelin sheaths and supports the investigation of neurological diseases such as multiple sclerosis or leukodystrophies.

Order-No.:	Amount:	Price:
11125.00100	**100 ml**	**24,75**
11125.00250	**250 ml**	**31,68**
11125.00500	**500 ml**	**47,26**
11125.01000	**1.000 ml**	**67,07**

Malachite Green 5 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Malachite green oxlate (C.I.: 42000)

Staining of tissue samples

Malachite Green 5% aqueous is a staining solution used in biological and microbiological research. It is used to study bacteria, fungi and specific tissues such as spores and endospores by binding to cell structures and thus visualizing the morphology and structure of microorganisms.

Order-No.:	Amount:	Price:
12621.00250	**250 ml**	**45,94**
12621.00500	**500 ml**	**79,09**
12621.01000	**1.000 ml**	**150,01**

03. Staining solutions

Malachite Green-Oxalate

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Malachite green oxlate (C.I.: 42000)

Bacteria / sperm staining

Malachite green oxalate is a synthetic dye used in microscopy, bacteriology and histology as a counterstain. It provides better contrast and facilitates the detection of acid-fast bacteria, fungi and cell structures due to its intense green color.

Order-No.:	Amount:	Price:
12249.00100	**100 ml**	**16,86**
12249.00250	**250 ml**	**18,80**
12249.00500	**500 ml**	**27,45**
12249.01000	**1.000 ml**	**33,97**

MARCANO solution

Lagerung:

Relevant Incredients:
- tri-Sodium citrate dihydrate
- Sodium chloride
- Formaldehyde ~37%, stabilised

Erythrocyte counting in lizards.

MARCANO solution is used in medical diagnostics and histology for microscopic counting of erythrocytes in lizard blood. It consists of formaldehyde, tri-sodium citrate dihydrate and sodium chloride, which preserve cell structures, prevent clumping and regulate osmotic pressure. The solution provides accurate, consistent and repeatable results in scientific laboratories.

Order-No.:	Amount:	Price:
17291.00100	**100 ml**	**14,63**
17291.00250	**250 ml**	**17,07**
17291.00500	**500 ml**	**25,94**
17291.01000	**1.000 ml**	**34,55**
17291.02500	**2.500 ml**	**66,91**

Martius Yellow 0.5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Phosphotungstic acid
- Martius yellow (C.I.: 10315)

Staining of tissue samples

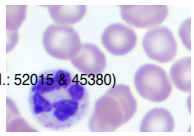
Martius Yellow 0.5% is a yellow synthetic azo dye solution used in histology to selectively stain cell structures and tissue components. It is often combined with other dyes such as fuchsin and crystal violet to stain multiple tissue components simultaneously and facilitate microscopic analysis.

Order-No.:	Amount:	Price:
11457.00100	**100 ml**	**40,13**
11457.00250	**250 ml**	**54,36**
11457.00500	**500 ml**	**84,04**
11457.01000	**1.000 ml**	**157,78**

MAY GRUENWALD's Eosin

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- MAY GRUENWALD Staining powder (C.I.: 52015 & 45380)



Blood smear staining

The May-Grünwald eosin solution is a dye mixture of eosin Y, eosin B and methylene blue. It is used for staining blood smears and bone marrow preparations and enables the differentiation of various cell structures and cell types. In cytology and histology it is known for its excellent resolution and contrast.

Order-No.:	Amount:	Price:
11421.00100	**100 ml**	**12,48**
11421.00250	**250 ml**	**20,26**
11421.00500	**500 ml**	**28,45**
11421.01000	**1.000 ml**	**42,72**
11421.02500	**2.500 ml**	**81,39**
11421.05000	**5.000 ml**	**129,94**
11421.10000	**10.000 ml**	**230,07**

MELZER's Solution for Fungal Spores Detection

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Chloral hydrate
- Iodine
- Potassium iodide

Staining of tissue samples

The MELZER reagent is a special solution for the detection of fungal spores in microscopic mycology, effective in amyloid detection, and has applications in medical diagnostics and environmental sciences.

Order-No.:	Amount:	Price:
14076.00100	**100 ml**	**46,94**
14076.00250	**250 ml**	**56,04**
14076.00500	**500 ml**	**100,30**
14076.01000	**1.000 ml**	**190,41**
14076.02500	**2.500 ml**	**427,34**

Metanil Yellow 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Metanil yellow (C.I.: 13065)

Staining of tissue samples

Metanil Yellow 2% is a synthetic azo dye used for staining nucleic acids, polysaccharides and microorganisms in histology and medical diagnostics. Its chemical properties enable selective staining and differentiated visualization of cell structures.

Order-No.:	Amount:	Price:
10273.00100	**100 ml**	**40,92**
10273.00250	**250 ml**	**112,25**
10273.00500	**500 ml**	**203,85**
10273.01000	**1.000 ml**	**390,42**
10273.02500	**2.500 ml**	**902,77**

Metanil yellow for Herovici staining

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Metanil yellow (C.I.: 13065)
- Acetic acid 99%

Staining of tissue samples

Metanil yellow is an azo dye used as the main ingredient in solutions for Herovici staining. The solution also contains aqua dist./VE water and acetic acid. Applications are found in histology, in vitro diagnostics and scientific laboratories. The staining allows the differentiation of collagen of different degrees of maturity.

Order-No.:	Amount:	Price:
18422.00100	**100 ml**	**23,02**
18422.00250	**250 ml**	**51,85**
18422.00500	**500 ml**	**70,18**
18422.01000	**1.000 ml**	**130,22**

Methyl Blue 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl Blue (C.I.: 42780)

Staining of tissue samples

Methyl Blue 1% aqueous is a staining solution used in histology and cytology. As a basic dye, it binds to acidic tissue components and allows precise staining control. In Mallory-Heidenhain staining, methyl blue is used to visualize connective tissue, muscle tissue and cytoplasm in different colors, staining cytoplasm and mucus blue.

Order-No.:	Amount:	Price:
11460.00100	**100 ml**	**18,61**
11460.00250	**250 ml**	**23,83**
11460.00500	**500 ml**	**43,30**
11460.01000	**1.000 ml**	**54,10**

03. Staining solutions

Methyl blue 2 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl Blue (C.I.: 42780)

Staining of tissues

Methyl blue 2 %, aqueous, is a solution used in medical diagnostics and histology for visualization and differentiation of tissue structures. It consists of the dye methyl blue dissolved in water, which is characterized by its high affinity for acidic tissue components.

Order-No.:	Amount:	Price:
18783.00100	**100 ml**	**18,34**
18783.00250	**250 ml**	**27,73**
18783.00500	**500 ml**	**59,52**
18783.01000	**1.000 ml**	**77,19**
18783.02500	**2.500 ml**	**165,51**

Methyl Green 0.8 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Ethyl green (zinc chloride) (C.I.: 42590)

Staining of tissue samples

Methyl Green 0.8% is an aqueous solution of a synthetic dye used in histology and cytology for staining cell nuclei and cellular structures. It binds to acidic components, especially DNA, and allows detailed examination of cell nuclei and morphological differences. Methyl green is often used in combination with other stains such as pyronine for multiple staining.

Order-No.:	Amount:	Price:
11605.00100	**100 ml**	**199,17**
11605.00250	**250 ml**	**410,02**
11605.00500	**500 ml**	**814,68**
11605.01000	**1.000 ml**	**1581,68**

Methyl green pyronine Stock solution A

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl green (zinc chloride) (C.I.: 42590)
- Pyronine G/Y (C.I.: 45005)
- Trichloromethane

Staining of tissue samples

Methyl Green Pyronine Stock Solution A is a histological staining solution used to visualize nucleic acids in tissue sections. It consists of methyl green that selectively interacts with DNA and is often combined with Stock Solution B to differentially stain DNA and RNA. The stain helps visualize cell nuclei, nucleic acids, and cellular changes in disease.

Order-No.:	Amount:	Price:
11480A.00100	**100 ml**	**154,86**
11480A.00250	**250 ml**	**337,65**
11480A.00500	**500 ml**	**619,64**
11480A.01000	**1.000 ml**	**1237,17**
11480A.02500	**2.500 ml**	**2918,67**

Methyl green stem B (acetate buffer, pH 4.8)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetate tri-hydrate

Staining of tissue samples

Methyl Green Stock Solution B is a histological staining solution used together with Methyl Green Pyronine Stock Solution A to visualize nucleic acids in tissue sections. The solution contains an acetate buffer that maintains an optimal pH for interaction between dyes and nucleic acids. The stain is used in histological and cell biology studies to visualize cell nuclei and nucleic acids and to analyze cellular changes in disease.

Order-No.:	Amount:	Price:
11480B.00100	**100 ml**	**12,73**
11480B.00250	**250 ml**	**15,20**
11480B.00500	**500 ml**	**20,04**
11480B.01000	**1.000 ml**	**27,06**
11480B.02500	**2.500 ml**	**49,58**

Methyl violet 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Crystal Violet (C.I.: 42555)

Staining of tissue samples

Methyl Violet 1% aqueous is a solution used in medical diagnostics, histology and scientific laboratories. It selectively stains nucleic acids, especially RNA, in cells and tissues and helps identify bacteria and cell structures.

Order-No.:	Amount:	Price:
10360.00100	**100 ml**	**16,89**
10360.00250	**250 ml**	**19,98**
10360.00500	**500 ml**	**35,11**
10360.01000	**1.000 ml**	**46,19**
10360.02500	**2.500 ml**	**93,83**

Methylen Blue for Amoebia

Lagerung: *siehe Einzelprodukte*

Relevant Incredients:
- Acetic acid 99%
- Sodium acetat
- Methylene blue (C.I.: 52015)

Amoeba stain

Methylene blue stain for amoebae is a solution of distilled water, acetic acid, sodium acetate and methylene blue. It is used in medical diagnostics, histology and scientific laboratories to stain amoebae and microorganisms. Methylene blue has a strong affinity for nucleic acids and polysaccharides, allowing vivid staining of cell structures.

Order-No.:	Amount:	Price:
11629.00100	**100 ml**	**11,87**
11629.00250	**250 ml**	**16,24**
11629.00500	**500 ml**	**23,42**
11629.01000	**1.000 ml**	**31,30**
11629.02500	**2.500 ml**	**59,75**

Methylene Blue 0.01 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)

Staining of tissue samples

Methylene Blue 0.01% is an aqueous solution of the blue dye methylene blue, which is used in histology and microscopy to stain tissue samples. Due to its binding to acidic structures such as nucleic acids and proteins, it improves the visibility of cell structures such as cell nuclei and cell membranes and enables better differentiation of the various cell types.

Order-No.:	Amount:	Price:
16279.00100	**100 ml**	**13,94**
16279.00250	**250 ml**	**15,92**
16279.00500	**500 ml**	**20,49**
16279.01000	**1.000 ml**	**24,13**
16279.02500	**2.500 ml**	**39,34**

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03. Staining solutions

Methylene Blue 0.03 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)

Distinction between living and dead cells

Methylene blue 0.03%, aqueous is a solution used in histology, scientific laboratories and in vitro diagnostics. It is used for staining of cell structures, examination of tissue samples and identification of living and dead cells. The blue solution is stable at room temperature and interacts electrostatically with cell structures.

Order-No.:	Amount:	Price:
18043.00100	**100 ml**	**13,96**
18043.00250	**250 ml**	**15,97**
18043.00500	**500 ml**	**20,64**
18043.01000	**1.000 ml**	**24,33**

Methylene Blue 0.25 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)
- Acetic acid 99%

Staining of tissue samples

Methylene Blue 0.25% is an aqueous solution used in histology, cytology and microbiology for staining cells and tissues, especially neurons. The solution is part of the Fite-Faraco staining kit for the detection of mycobacteria and allows rapid and accurate visualization of cell structures and processes while preserving cell viability.

Order-No.:	Amount:	Price:
13243.00100	**100 ml**	**15,41**
13243.00250	**250 ml**	**18,21**
13243.00500	**500 ml**	**25,60**
13243.01000	**1.000 ml**	**31,63**

Methylene blue 1 %, aqueous with TWEEN 80

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)
- Tween 80
- Aqua dest. / pure water

Staining of tissue samples

Methylene Blue 1% with TWEEN 80 is mainly used in histology and in vitro diagnostics. The basic dye methylene blue stains acidic biological structures such as polysaccharides and nucleic acids. TWEEN 80 provides uniform distribution and sodium azide as a preservative, allowing improved visualization of cell structures and precise diagnosis.

Order-No.:	Amount:	Price:
17596.00100	**100 ml**	**19,45**
17596.00250	**250 ml**	**22,44**
17596.00500	**500 ml**	**24,81**
17596.01000	**1.000 ml**	**43,92**
17596.02500	**2.500 ml**	**83,86**
17596.05000	**5.000 ml**	**156,45**

Methylene Blue 2 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)

Staining of tissue samples

The 2% aqueous methylene blue solution is a widely used stain in life sciences such as histology and microbiology. It is used to highlight cell structures and bacteria, as well as in other applications such as aquaristics and electrochemistry. The higher concentration allows more intense staining.

Order-No.:	Amount:	Price:
12445.00100	**100 ml**	**18,17**
12445.00250	**250 ml**	**22,57**
12445.00500	**500 ml**	**27,40**
12445.01000	**1.000 ml**	**49,04**
12445.02500	**2.500 ml**	**96,96**

Methylene blue 5 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)

Staining of tissue samples

Methylene Blue 5% aqueous is a staining solution used in microbiology and histology to stain bacteria, fungi, protozoa, cell nuclei and cellular structures blue. The solution can also be used in combination with other dyes and serves as a reducing agent for metachromasia in cell biology.

Order-No.:	Amount:	Price:
11781.00050	**50 ml**	**16,76**
11781.00250	**250 ml**	**26,45**
11781.00500	**500 ml**	**38,57**
11781.01000	**1.000 ml**	**70,83**
11781.02500	**2.500 ml**	**148,40**
11781.05000	**5.000 ml**	**277,95**
11781.10000	**10.000 ml**	**525,10**

Methylene Blue after LOFFLER

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Potassium Hydroxide Solution 1 %
- Methylene blue (C.I.: 52015)

Bacteria / sperm staining

LÖFFLER's Methylene Blue is a single solution used in in vitro diagnostics, histology and scientific laboratories for staining samples. It consists of ethanol, distilled aqua, potassium hydroxide solution and methylene blue. The staining is based on a chemical reaction and allows selective staining of cell structures and detection of bacteria such as mycobacteria.

Order-No.:	Amount:	Price:
11424.00100	**100 ml**	**14,38**
11424.00250	**250 ml**	**17,51**
11424.00500	**500 ml**	**21,80**
11424.01000	**1.000 ml**	**32,63**
11424.02500	**2.500 ml**	**61,09**

Methylene Blue Borax Solution 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium tetraborate • 10 H_2O
- Methylene blue (C.I.: 52015)

Staining of tissue samples

Methylene Blue Borax Solution 1% is used in microbiological and histological laboratories, especially in Löffler staining for the identification of diphtheria bacteria and microorganisms. It allows visualization of cell structures and improves optical differentiation. In addition, it is used to stain nucleic acids in electrophoresis gels to identify and distinguish DNA and RNA fragments.

Order-No.:	Amount:	Price:
15680.00100	**100 ml**	**13,74**
15680.00250	**250 ml**	**18,11**
15680.00500	**500 ml**	**22,36**
15680.01000	**1.000 ml**	**38,70**
15680.02500	**2.500 ml**	**76,50**

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03. Staining solutions

Methylene Blue for Vital Staining

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)
- Sodium chloride

Staining of tissue samples

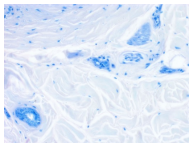
Methylene blue for vital staining is a dye in biology and cell biology that stains living cells to examine their structures microscopically. It penetrates the cell membrane and binds to specific structures without affecting cell functions. The staining allows real-time observations of cell processes such as cell division and cell growth.

Order-No.:	Amount:	Price:
11273.00100	**100 ml**	**15,25**
11273.00250	**250 ml**	**16,91**
11273.00500	**500 ml**	**23,35**
11273.01000	**1.000 ml**	**32,26**

Methylene blue, 1 % aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)



Staining of tissue samples

Methylene Blue 1 % is used in histology and microbiology for staining nucleic acids and cell structures. It is a heterocyclic aromatic amine that selectively interacts with cell structures and molecules. The balance between staining intensity and cell protection makes it effective and gentle.

Order-No.:	Amount:	Price:
13312.00100	**100 ml**	**17,04**
13312.00250	**250 ml**	**18,16**
13312.00500	**500 ml**	**19,52**
13312.01000	**1.000 ml**	**35,18**
13312.02500	**2.500 ml**	**67,41**
13312.05000	**5.000 ml**	**117,07**

Methylene Blue, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Methylene blue (C.I.: 52015)

Staining of tissue samples

Alcoholic methylene blue is a methylene blue solution dissolved in ethanol used in histology, cytology and bacteriology. It allows improved penetration into fatty tissues and better staining of cell structures, including Gram-positive bacteria and neurons.

Order-No.:	Amount:	Price:
12470.00100	**100 ml**	**16,91**
12470.00250	**250 ml**	**20,03**
12470.00500	**500 ml**	**24,69**
12470.01000	**1.000 ml**	**46,40**
12470.02500	**2.500 ml**	**94,30**

Methylene Blue, alcoholic for Parasitology

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Methylene blue (C.I.: 52015)

Staining of tissue samples

Methylene blue, alcoholic for parasitology, is a laboratory chemical for microscopic diagnosis of parasite infestation in biological samples. It consists of methylene blue, ethanol and ethylene glycol and enables rapid staining of cell structures and parasites. The solution is particularly suitable for the diagnosis of protozoa, worms and other parasitic organisms in samples such as blood, stool or tissue.

Order-No.:	Amount:	Price:
14971.00100	**100 ml**	**16,56**
14971.00250	**250 ml**	**22,63**
14971.00500	**500 ml**	**30,14**
14971.01000	**1.000 ml**	**56,78**
14971.02500	**2.500 ml**	**118,32**

MorDIFF-Quick Solution I

Lagerung: *15 … 25 °C*

Relevant Incredients:
- SOERENSEN's Buffer / PBS Buffer Stock Solution A
- SOERENSEN's Buffer / PBS Buffer Stock Solution B
- Eosin Y (C.I.: 45380)

Staining of blood and smear preparations

MorDIFF-Quick Solution I is an important component of the MorDIFF-Quick rapid staining kit for blood and smear preparations. It enables effective microscopic analysis by specific staining of cell components. The included Sörensen buffer stock solutions optimize pH and sodium azide improves shelf life. The application helps in the identification and differentiation of cell types, especially in the diagnosis of blood diseases.

Order-No.:	Amount:	Price:
15571.00100	**100 ml**	**41,14**
15571.00250	**250 ml**	**53,59**
15571.00500	**500 ml**	**71,91**
15571.01000	**1.000 ml**	**97,21**
15571.02500	**2.500 ml**	**203,97**
15571.05000	**5.000 ml**	**361,77**

MorDIFF-Quick Solution II

Lagerung: *15 … 25 °C*

Relevant Incredients:
- SOERENSEN's Buffer / PBS Buffer Stock Solution A
- SOERENSEN's Buffer / PBS Buffer Stock Solution B
- Methylene blue (C.I.: 52015)

Staining of blood and smear preparations

MorDIFF-Quick Solution II is part of the MorDIFF-Quick rapid staining kit and is designed for microscopic analysis of blood and smear preparations. Methylene blue stains basophilic cell structures, the Sörensen buffer stabilizes the pH and sodium azide preserves the solution. This allows easy identification and differentiation of cell types, especially in the diagnosis of blood diseases.

Order-No.:	Amount:	Price:
15577.00100	**100 ml**	**41,29**
15577.00250	**250 ml**	**54,04**
15577.00500	**500 ml**	**73,30**
15577.01000	**1.000 ml**	**99,03**
15577.02500	**2.500 ml**	**208,38**
15577.05000	**5.000 ml**	**370,58**

Muci-Carmine Stock Solution acc. to MAYER

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Ethanol 50 %, denatured (MEK/IPA/BTX)
- Carmine (C.I.: 75470)
- Aluminium chloride, anhydrous p.A.
- Aqua dest. / pure water

Slime dyeing

Mucicarmine stock solution is a histological staining method developed for the visualization of mucopolysaccharides and mucins in tissue sections. The main component is the red dye carmine, obtained from cochineal lice. The solution is used for staining and visualization of mucilage structures in various tissues.

Order-No.:	Amount:	Price:
13522.00100	**100 ml**	**47,41**
13522.00250	**250 ml**	**67,70**
13522.00500	**500 ml**	**90,73**
13522.01000	**1.000 ml**	**169,68**
13522.02500	**2.500 ml**	**375,92**

03. Staining solutions

Muci-Carmine Stock Solution acc. to SOUTHGATE

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Ethyl alcohol
- Carmine (C.I.: 75470)
- aluminium hydroxide
- Aluminium chloride, anhydrous p.A.

Slime dyeing

Southgate Mucicarmine Stock Solution is a staining solution in histology and cytology that stains mucins and mucin-like substances in tissue specimens. It is used to stain gastric and intestinal mucosa and aids in the diagnosis of gastric and intestinal diseases, including cancer.

Order-No.:	Amount:	Price:
12554.00100	**100 ml**	**47,45**
12554.00250	**250 ml**	**67,83**
12554.00500	**500 ml**	**90,93**
12554.01000	**1.000 ml**	**170,07**
12554.02500	**2.500 ml**	**376,83**

MucoFlutol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide
- Sodium hypochlorite

Dissolving mucus

MucoFlutol is a mucus dissolution product used in medical laboratories, especially in histology and pathology. It facilitates the microscopic examination of tissue samples from the respiratory or gastrointestinal tract by dissolving mucus. MucoFlutol is intended exclusively for in vitro diagnostics.

Order-No.:	Amount:	Price:
12097.00100	**100 ml**	**15,10**
12097.00250	**250 ml**	**15,92**
12097.00500	**500 ml**	**18,07**
12097.01000	**1.000 ml**	**31,67**
12097.02500	**2.500 ml**	**59,27**

Naphthol Green, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Naphthol Green B (C.I.: 10020)

Staining of tissue samples

Naphtol Green is a widely used staining solution in histology for labeling and differentiating tissue components. It binds to alkaline proteins and produces a green stain that selectively stains collagen and connective tissue components. It is characterized by high light fastness and long-lasting, stable staining that is readily visible under light and fluorescence microscopes.

Order-No.:	Amount:	Price:
12483.00100	**100 ml**	**17,97**
12483.00250	**250 ml**	**21,98**
12483.00500	**500 ml**	**37,46**
12483.01000	**1.000 ml**	**46,69**

Naphthol Yellow 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Naphthol Yellow S (C.I.: 10316)

Staining of tissue samples

Naphthol Yellow 1% is used in in vitro diagnostics, especially in the SHOOBRIGDE polychrome staining kit. It is used to stain tissue preparations to visualize cellular structures. Typically, it helps to highlight collagen fibers in histological preparations, thus facilitating the analysis of tissue composition.

Order-No.:	Amount:	Price:
15547.00100	**100 ml**	**15,97**
15547.00250	**250 ml**	**23,41**
15547.00500	**500 ml**	**29,16**
15547.01000	**1.000 ml**	**52,40**
15547.02500	**2.500 ml**	**104,73**

NEISSER's Solution I (Methylene Blue)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)
- Acetic acid 99%

Bacteria / sperm staining

NEISSER Solution I is a methylene blue solution used in microbiology for staining bacterial cells. It is especially suitable for the identification of Neisseria species and enables improved visibility and differentiation of the various bacterial species. The mode of operation is based on the binding of methylene blue to acidic components of the cells, supported by acetic acid.

Order-No.:	Amount:	Price:
13274.00100	**100 ml**	**21,25**
13274.00250	**250 ml**	**29,33**
13274.00500	**500 ml**	**35,57**
13274.01000	**1.000 ml**	**48,91**

NEISSER's Solution II (Crystal Violet)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Crystal Violet (C.I.: 42555)

Bacteria / sperm staining

NEISSER Solution II is a contrast agent for the identification of gram-negative diplococci in microbiology and bacteriology. The solution is based on crystal violet and denatured ethanol to improve solubility. It allows effective discrimination and more precise diagnosis of infectious diseases caused by Neisseria species.

Order-No.:	Amount:	Price:
13278.00100	**100 ml**	**21,92**
13278.00250	**250 ml**	**31,25**
13278.00500	**500 ml**	**41,54**
13278.01000	**1.000 ml**	**56,61**

NEISSER's Solution III (Chrysoidine)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Chrysoidine G (C.I.: 11270)

Bacteria / sperm staining

NEISSER Solution III (Chrysoidin) is an alcoholic solution of the dye Chrysoidin G, which is used in microbiology for dye binding to acidic components of bacterial cells, especially for identification of Neisseria gonorrhoeae and Neisseria meningitidis. The solution is more effective than other products and enables rapid and accurate diagnosis of infectious diseases.

Order-No.:	Amount:	Price:
13282.00100	**100 ml**	**22,68**
13282.00250	**250 ml**	**33,44**
13282.00500	**500 ml**	**48,31**
13282.01000	**1.000 ml**	**65,34**

Neutral Red

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Neutral Red (C.I.: 50040)

Staining of tissue samples

Neutral red is a synthetic red dye from the azo dye class used in histology, cytology and microbiology to stain cell structures and differentiate tissue types and cell types. In microbiology, it is used as a pH indicator to distinguish microorganisms.

Order-No.:	Amount:	Price:
11683.00100	**100 ml**	**16,63**
11683.00250	**250 ml**	**21,73**
11683.00500	**500 ml**	**27,85**
11683.01000	**1.000 ml**	**45,71**

03. Staining solutions

New Fuchsin 0,25 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- New Fuchsin (C.I.: 42520)

Bacteria staining

Neufuchsin 0.25%, aqueous, is a red triphenylmethane dye used for imaging microorganisms, especially bacteria. It finds application in various staining techniques such as Gram staining and enables high contrast microscopic images by binding to structures via van der Waals forces and hydrogen bonds.

Order-No.:	Amount:	Price:
10150.00100	**100 ml**	**15,18**
10150.00250	**250 ml**	**18,66**
10150.00500	**500 ml**	**30,95**
10150.01000	**1.000 ml**	**40,91**
10150.02500	**2.500 ml**	**81,61**

Nigrosin 10 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Nigrosine (C.I.: 50420)

Use as laboratory reagent

The 10% nigrosine solution is used in bioscientific and diagnostic procedures as a negative staining agent. It helps to highlight cell boundaries and distinguish living from dead cells without penetrating living cells.

Order-No.:	Amount:	Price:
14233.00100	**100 ml**	**43,85**
14233.00250	**250 ml**	**83,11**
14233.00500	**500 ml**	**157,16**
14233.01000	**1.000 ml**	**298,71**

Nitrazin Yellow 1 %, aqueous

Lagerung:

Relevant Incredients:
- (C.I.: 14890)

Staining of tissue samples

Nitrazine Yellow 1% is used as a pH indicator in dermatological tests to investigate skin barrier disorders. It is characterized by its azo compound and is also used in various industries.

Order-No.:	Amount:	Price:
13064.00100	**100 ml**	**85,92**
13064.00250	**250 ml**	**153,76**
13064.00500	**500 ml**	**305,52**
13064.01000	**1.000 ml**	**581,30**

Nuclear Fast Red 0.1 % with Thymol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aluminium sulphate hydrate • 14 H2O
- Nuclear fast red (C.I.: 60760)
- Sodium benzoate
- Thymol

Staining of tissue samples

Nuclear Red 0.1% with Thymol is a staining agent used in medical diagnostics, histology and scientific laboratories. It is used to stain cell nuclei in tissue samples, enables visualization of fine structures and facilitates identification of cell types and disease processes. The chemical substances it contains contribute to color stability and sample integrity.

Order-No.:	Amount:	Price:
17657.00100	**100 ml**	**35,60**
17657.00250	**250 ml**	**37,59**
17657.00500	**500 ml**	**53,25**
17657.01000	**1.000 ml**	**101,95**
17657.02500	**2.500 ml**	**222,50**

Oil red O (ethanol)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Oil Red O (C.I.: 26125)

Staining of tissue samples

Oil Red O is a solution used for staining lipophilic structures in histological preparations. The azoic group of the dye gives it an intense color that allows easy differentiation of fatty acids, neutral oils and waxes. Ethanol and 1-propanol as solvents allow deep penetration into various tissue types and ensure uniform staining.

Order-No.:	Amount:	Price:
13812.00100	**100 ml**	**14,52**
13812.00250	**250 ml**	**20,33**
13812.00500	**500 ml**	**25,32**
13812.01000	**1.000 ml**	**47,59**
13812.02500	**2.500 ml**	**97,07**

Oil red O (isopropanol)

Lagerung: *ca. 50 °C*

Relevant Incredients:
- Isopropyl alcohol
- Oil Red O (C.I.: 26125)

Lipid and fatty acid staining

Oil red O (isopropanol) is a chemical solution used in medical research for imaging lipids. It provides excellent discriminatory power and is particularly useful in the study of fatty liver disease and lipid metabolism disorders.

Order-No.:	Amount:	Price:
19288.00100	**100 ml**	**21,93**
19288.00250	**250 ml**	**30,62**
19288.00500	**500 ml**	**38,85**
19288.01000	**1.000 ml**	**74,06**
19288.02500	**2.500 ml**	**156,28**

Oilred O stock solution

Lagerung: *ca. 50 °C*

Relevant Incredients:
- Isopropyl alcohol
- Oil Red O (C.I.: 26125)

Lipid and fatty acid staining

Oelrot O stock solution, consisting of isopropanol and Oelrot O, is used in medical laboratories to stain fatty acids and lipids in tissue samples. The chemical interactions enable rapid, reliable identification of these molecules, support the diagnosis of fatty deposits and tissue changes, and help in the evaluation of certain diseases.

Order-No.:	Amount:	Price:
18575.00100	**100 ml**	**20,15**
18575.00250	**250 ml**	**31,00**
18575.00500	**500 ml**	**43,59**
18575.01000	**1.000 ml**	**82,93**

Opal Blue - Phloxin-Rhodamine after BRESSLAU

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Phloxin B (C.I.: 45410)
- 9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride (C.I.: 45170)

Ciliate staining

BRESSLAU's opal blue-phloxinrhodamine stain is a specialized staining solution used in biological research, mainly for staining ciliates. It consists of aniline blue, phloxin B and rhodamine B dissolved in water and allows differentiated visualization of various structures within ciliates.

Order-No.:	Amount:	Price:
15857.00015	**15 ml**	**34,44**
15857.00025	**25 ml**	**56,04**
15857.00050	**50 ml**	**100,32**
15857.00100	**100 ml**	**190,44**

03. Staining solutions

Orange G 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Orange G (C.I.: 16230)

Staining of tissue samples

Orange G 1% is an aqueous solution of a synthetic azo dye used in histology and cytology to stain cell structures and tissues. It binds to cytoplasmic proteins and helps researchers and pathologists to better identify and analyze cell membranes and cytoplasm.

Order-No.:	Amount:	Price:
10291.00250	**250 ml**	**16,76**
10291.00500	**500 ml**	**24,96**
10291.01000	**1.000 ml**	**33,30**

Orange G-Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Orange G (C.I.: 16230)

Staining of tissue samples

Orange G solution is a histological stain that effectively stains erythrocytes and keratin structures in skin and hair cells in particular. The staining is based on electrostatic attraction between the negatively charged azo dye Orange G and positively charged proteins. Acetic acid optimizes pH and stabilizes dye binding for effective visualization under the microscope.

Order-No.:	Amount:	Price:
14496.00100	**100 ml**	**13,95**
14496.00250	**250 ml**	**18,71**
14496.00500	**500 ml**	**21,92**
14496.01000	**1.000 ml**	**41,11**
14496.02500	**2.500 ml**	**82,07**

Orcein in Acetic Acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Orcein
- Aqua bidest / purified water

Staining of tissue samples

Orceiacetic acid is an aqueous solution of the natural red dye orcein, which is extracted from lichens. It is used in histology to selectively stain connective tissue and elastic fibers, which can be helpful in diagnosing diseases such as atherosclerosis or elastofibroma. It is also used in the textile industry and microbiology.

Order-No.:	Amount:	Price:
10294.00100	**100 ml**	**83,24**
10294.00250	**250 ml**	**160,42**
10294.00500	**500 ml**	**319,50**
10294.01000	**1.000 ml**	**607,94**

Orcein, alcoholic with Hydrochloric Acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Orcein
- Hydrochloric Acid 37%
- Aqua dest. / pure water

Staining of tissue samples

The alcoholic orcein solution according to SHIKATA is a staining solution for histological and cytological diagnostics. It consists of ethanol, orcein, and hydrochloric acid and enables differential visualization of elastic fibers, hepatocytes, and certain bacteria while preserving the structure of tissue specimens.

Order-No.:	Amount:	Price:
12480.00100	**100 ml**	**81,04**
12480.00250	**250 ml**	**163,77**
12480.00500	**500 ml**	**323,92**
12480.01000	**1.000 ml**	**613,85**

Orcein, alcoholic with Hydrochloric Acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Orcein
- Hydrochloric Acid 37%

Staining of tissue samples

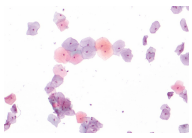
Alcoholic orcein solution with hydrochloric acid is a staining solution for in vitro diagnostics, mainly used for staining tissue samples. It consists of ethanol, water, orcein and hydrochloric acid and is used in histology and cell biology for staining various cell structures. The solution enables optimal staining and detailed analysis of cell and tissue samples.

Order-No.:	Amount:	Price:
15817.00100	**100 ml**	**78,54**
15817.00250	**250 ml**	**161,28**
15817.00500	**500 ml**	**480,22**
15817.01000	**1.000 ml**	**611,41**
15817.02500	**2.500 ml**	**1400,90**

PAP Rapid Dyeing Solution I

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aluminium sulphate hydrate • 14 H2O
- Ethyl alcohol
- Acetic acid 99%
- Hematoxylin (C.I.: 75290)
- Sodium iodate



Staining of smear preparations

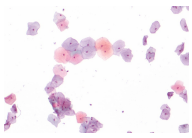
PAP Rapid Staining Solution I is part of the PAP Rapid Staining Kit and is used in histological and medical diagnostic applications. It enables intense staining of cell nuclei and detailed visualization of cell structures through the interaction of hematoxylin and DNA.

Order-No.:	Amount:	Price:
14691.00100	**100 ml**	**29,78**
14691.00250	**250 ml**	**35,38**
14691.00500	**500 ml**	**44,82**
14691.01000	**1.000 ml**	**81,87**
14691.02500	**2.500 ml**	**169,48**
14691.60000	**60.000 ml**	**4062,24**

PAP Rapid Dyeing Solution II

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Ethylene glycol 99,8 %
- Light Green SF Yellowish (C.I.: 42095)
- Eosin Y (C.I.: 45380)
- Phosphotungstic acid
- Bismarck Brown R (C.I.: 21010)
- Lithium Carbonate, saturated (~ 1.3 %)
- Acetic acid 99%
- Orange G (C.I.: 16230)
- Aqua bidest / purified water



Staining of smear preparations

PAP Rapid Staining Solution II is used for histological examinations and enables efficient, differentiated staining of cell and tissue structures. It is adapted to medical diagnostics and life sciences and offers time savings through rapid staining.

Order-No.:	Amount:	Price:
14436.00100	**100 ml**	**13,70**
14436.00250	**250 ml**	**18,19**
14436.00500	**500 ml**	**20,94**
14436.01000	**1.000 ml**	**39,01**
14436.02500	**2.500 ml**	**78,79**
14436.60000	**60.000 ml**	**1758,98**

03. Staining solutions

Papanicolaou's Hematoxylin after GILL (PAP 1b)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hematoxylin (C.I.: 75290)
- Aluminium sulphate hydrate • 14 H2O
- Citric acid

Staining of smear preparations

Papanicolaous hematoxylin according to Gill (PAP 1b) is a modified staining method used in Papanicolaou staining (PAP staining) for cytological examination of cells in body fluids, especially in cervical smears. It serves as the core stain and is used in combination with orangephilic and eosinophilic dyes to visualize various cell structures and cytoplasmic components.

Order-No.:	Amount:	Price:
11430.00100	**100 ml**	**15,12**
11430.00250	**250 ml**	**19,87**
11430.00500	**500 ml**	**23,14**
11430.01000	**1.000 ml**	**42,01**
11430.02500	**2.500 ml**	**83,60**

Papanicolaou's Solution - EA31 (PAP 3a)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Ethylene glycol 99,8 %
- Light Green SF Yellowish (C.I.: 42095)
- Bismarck Brown R (C.I.: 21010)
- Eosin Y (C.I.: 45380)
- Phosphotungstic acid
- Acetic acid 99%
- Lithium Carbonate, saturated (~ 1.3 %)

Staining of smear preparations

Papanicolaous Solution EA31 (PAP 3a) is a staining component in Papanicolaou staining used for cytological examination of cells, especially in cervical smears. EA31 stains the cytoplasm and cytoplasmic structures, allowing detailed cell morphology examination and facilitating the diagnosis of cell changes or abnormalities.

Order-No.:	Amount:	Price:
11439.00250	**250 ml**	**21,79**
11439.00500	**500 ml**	**37,93**
11439.01000	**1.000 ml**	**45,91**
11439.02500	**2.500 ml**	**90,89**

Papanicolaou's Solution - EA65 (PAP 3c)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Light Green SF Yellowish (C.I.: 42095)
- Bismarck Brown R (C.I.: 21010)
- Phosphotungstic acid
- Eosin Y (C.I.: 45380)
- Methyl alcohol

Staining of smear preparations

Papanicolaous Solution EA65 (PAP 3c) is a staining component in Papanicolaou staining used for cytological examination of cells in body fluids, especially in cervical smears. EA65 stains the cytoplasm and cytoplasmic structures, allowing detailed examination of cell morphology and cell changes.

Order-No.:	Amount:	Price:
11445.00100	**100 ml**	**17,39**
11445.00250	**250 ml**	**20,45**
11445.00500	**500 ml**	**25,17**
11445.01000	**1.000 ml**	**40,56**
11445.02500	**2.500 ml**	**78,51**
11445.60000	**60.000 ml**	**1592,60**

Papanicolaou's Solution - EA65 (PAP 3d)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Light Green SF Yellowish (C.I.: 42095)
- Bismarck Brown R (C.I.: 21010)
- Eosin Y (C.I.: 45380)
- Phosphotungstic acid
- Methyl alcohol

Staining of smear preparations

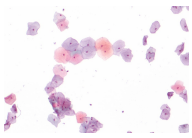
Papanicolaous Solution EA65 (PAP 3d) is a fixative in cytology that prepares specimens from fluids and tissues for microscopic examination. It is commonly used for Pap tests to examine cells from the cervix or vagina for abnormalities, as well as for blood, urine and other biological fluids.

Order-No.:	Amount:	Price:
11448.00100	**100 ml**	**16,31**
11448.00250	**250 ml**	**20,81**
11448.00500	**500 ml**	**27,75**
11448.01000	**1.000 ml**	**42,03**
11448.02500	**2.500 ml**	**80,73**
11448.60000	**60.000 ml**	**1422,70**

Papanicolaou's Solution - Orange G (PAP 2a) – (S)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Orange G (C.I.: 16230)
- Phosphomolybdic acid
- Methyl alcohol



Staining of smear preparations

Papanicolaou staining is a microscopic examination method for cells and tissue samples, especially for cancer screening in the cervix. Papanicolaou solution contains dyes such as Orange G, which stains cell nuclei and cytoplasm. PAP 2a is a category that shows mild cellular changes without signs of cancer.

Order-No.:	Amount:	Price:
11957.00100	**100 ml**	**16,33**
11957.00250	**250 ml**	**17,18**
11957.00500	**500 ml**	**25,29**
11957.01000	**1.000 ml**	**33,10**
11957.02500	**2.500 ml**	**62,70**

Papanicolaou's Solution - Orange II (PAP 2b) – (S)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Orange II (C.I.: 15510)
- Phosphotungstic acid
- Aqua bidest / purified water

Staining of smear preparations

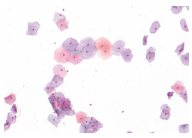
Papanicolaou Solution - Orange II (PAP 2b) is a staining solution used in Pap staining for cytological smears. It was developed by Dr. George Papanicolaou and is used to stain eosinophilic structures to visualize and differentiate cells and cell structures, facilitating diagnosis.

Order-No.:	Amount:	Price:
12012.00250	**250 ml**	**17,87**
12012.00500	**500 ml**	**27,57**
12012.01000	**1.000 ml**	**34,00**
12012.02500	**2.500 ml**	**65,07**

Papanicolaous hematoxylin according to HARRIS (PAP 1a) - (S)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aluminium sulphate hydrate • 14 H2O
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)
- Sodium iodate



Staining of smear preparations

Papanicolaous hematoxylin according to Harris (PAP 1a) is a modified staining method used in Papanicolaou staining (PAP staining) for cytological examinations. It is used as a nuclear stain for cell nuclei and basophilic structures, especially in gynecologic cytology for cervical smears. Multi-stage PAP staining also includes eosin-azur combinations to visualize different cell structures.

Order-No.:	Amount:	Price:
11953.00100	**100 ml**	**17,58**
11953.00250	**250 ml**	**22,56**
11953.00500	**500 ml**	**29,03**
11953.01000	**1.000 ml**	**45,88**
11953.02500	**2.500 ml**	**93,09**
11953.05000	**5.000 ml**	**146,03**
11953.25000	**25.000 ml**	**688,50**

03. Staining solutions

Papanicolaous solution - EA50 (PAP 3b) - (S)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Light Green SF Yellowish (C.I.: 42095)
- Eosin Y (C.I.: 45380)
- Phosphotungstic acid
- Acetic acid 99%
- Bismarck Brown R (C.I.: 21010)
- Ethylene glycol 99,8 %

Staining of smear preparations

Papanicolaous Solution EA50 (PAP 3b) is a staining component in the multistep PAP stain used for cytological studies of cells in body fluids. EA50, a mixture of Eosin Y and Azure dyes, stains the cytoplasm and cytoplasmic structures and facilitates the study of cell morphology and the diagnosis of cell changes or abnormalities.

Order-No.:	Amount:	Price:
11961.00100	**100 ml**	**16,31**
11961.00250	**250 ml**	**18,03**
11961.00500	**500 ml**	**24,22**
11961.01000	**1.000 ml**	**37,64**
11961.02500	**2.500 ml**	**75,28**
11961.05000	**5.000 ml**	**136,23**

Parafuchsin Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Pararosaniline (C.I.: 42500)
- Hydrochloric Acid 37%
- Aqua dest. / pure water

Staining of tissue samples

Parafuchsin solution, consisting of pararosaniline, hydrochloric acid and distilled water, is used in medical diagnostics and histology, especially in Gram staining for the identification of Gram-positive bacteria. The chemical reaction enables differentiated staining patterns and accurate classification of bacteria.

Order-No.:	Amount:	Price:
18256.00100	**100 ml**	**29,06**
18256.00250	**250 ml**	**44,30**
18256.00500	**500 ml**	**60,80**
18256.01000	**1.000 ml**	**116,57**

Paragon Staining Solution for Mineralized Hard Tissue

Lagerung:

Relevant Incredients:
- Ethyl alcohol
- Toluidine Blue (C.I.: 52040)
- Fuchsine (C.I.: 42510)

Hard fabric dyeing

The Paragon staining solution for mineralized hard tissue facilitates the histological examination of bones and teeth by selectively staining different tissue structures with toluidine blue and basic fuchsin. The chemical mode of operation enables detailed morphological evaluation.

Order-No.:	Amount:	Price:
13037.00250	**250 ml**	**33,72**
13037.00500	**500 ml**	**49,34**
13037.01000	**1.000 ml**	**76,16**

Paraldehyde-Fuchsin (Stock Solution)

Lagerung:

Relevant Incredients:
- Fuchsine (C.I.: 42510)
- Hydrochloric Acid 37%
- Paraldehyde
- Ethyl alcohol

Staining of tissue samples

Paraldehyde fuchsin is a concentrated staining solution used in histology and cytology to identify tissue structures. The solution consists of aqua dist./VE water, basic fuchsin, hydrochloric acid, paraldehyde and ethanol and is converted into a working solution.

Order-No.:	Amount:	Price:
12763.00250	**250 ml**	**37,18**
12763.00500	**500 ml**	**41,30**
12763.01000	**1.000 ml**	**80,30**

Pararosaniline ~ 4 %, methanolic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Pararosaniline (C.I.: 42500)

Staining of tissue samples

Pararosanilin is a high-quality laboratory chemical used in medical and histological diagnostics for staining tissue samples. Due to its bright red color and effective tissue penetration, it enables detailed visualization of cell structures and contributes to accurate diagnostic results.

Order-No.:	Amount:	Price:
16081.00100	**100 ml**	**32,62**
16081.00250	**250 ml**	**55,57**
16081.00500	**500 ml**	**102,82**
16081.01000	**1.000 ml**	**168,86**
16081.02500	**2.500 ml**	**381,42**

Pararosaniline, aqueous saturated (~ 0.3 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Pararosaniline (C.I.: 42500)

Staining of tissue samples

Pararosaniline is a synthetic basic dye used in histology and microscopy. At a concentration of 0.3%, it binds to acidic structures such as nucleic acids and proteins and stains them red. It is used in various staining methods, such as the identification of acid-fast bacteria or the visualization of specific cellular structures.

Order-No.:	Amount:	Price:
11626.00250	**250 ml**	**16,42**
11626.00500	**500 ml**	**20,51**
11626.01000	**1.000 ml**	**31,97**

Phloroglucinol 1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Phloroglucinol

Staining of tissue samples

Phloroglucin 1% alcoholic is a staining solution used in histology and botany for selective staining of lignin, a structural component in woody plant tissues. The solution provides rapid and uniform staining and aids in the study of wood and plant structures to visualize lignin distribution and organization.

Order-No.:	Amount:	Price:
12578.00100	**100 ml**	**22,70**
12578.00250	**250 ml**	**29,48**
12578.00500	**500 ml**	**44,52**
12578.01000	**1.000 ml**	**84,17**

Phloroglucinol 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phloroglucinol

Staining of tissue samples

Phloroglucin 1% aqueous is a staining solution used in histology and botany for selective staining of lignin in lignified plant tissues. The aqueous solution is milder and suitable for sensitive specimens. It allows visualization of the distribution and organization of lignin under the microscope in histological and botanical laboratories.

Order-No.:	Amount:	Price:
12581.00100	**100 ml**	**23,26**
12581.00250	**250 ml**	**31,09**
12581.00500	**500 ml**	**47,92**
12581.01000	**1.000 ml**	**90,65**

03. Staining solutions

Phloxine B 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phloxin B (C.I.: 45410)

Dyeing wood preparations

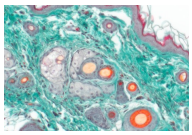
Phloxin B 1% is a water-based solution containing the Phloxin B dye which is used in various applications such as microbiology and histology for the selective staining of different cell components and tissues under a microscope. It can be used as a vital stain to distinguish between living and dead cells and is an essential tool for researchers in the fields of biology and medicine.

Order-No.:	Amount:	Price:
11635.00250	**250 ml**	**29,16**
11635.00500	**500 ml**	**35,84**
11635.01000	**1.000 ml**	**68,25**

Phosphomolybdic Acid - Orange G – (A) (GOLDNER II)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphomolybdic acid
- Orange G (C.I.: 16230)



Differentiation / pickling / bluing

Phosphoromolybdic Acid Orange G (A) Solution is a combination of phosphoromolybdic acid and Orange G dye, available in different concentrations and five variants. In histology, it is used for Goldner trichrome staining to differentiate tissue components by staining collagen fibers and basement membranes blue and erythrocytes and cell nuclei red.

Order-No.:	Amount:	Price:
11195.00100	**100 ml**	**14,49**
11195.00250	**250 ml**	**17,90**
11195.00500	**500 ml**	**26,59**
11195.01000	**1.000 ml**	**34,13**
11195.02500	**2.500 ml**	**64,19**

Phosphomolybdic Acid - Orange G (B)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphomolybdic acid
- Orange G (C.I.: 16230)

Staining of tissue samples

Phosphorus Molybdic Acid Orange G (A) Solution is a combination of phosphorus molybdic acid and orange G, available in five variants. It is used in histology for Goldner's trichrome staining to differentiate tissue components and allows adjustment of staining contrasts.

Order-No.:	Amount:	Price:
11548.00250	**250 ml**	**35,69**
11548.00500	**500 ml**	**54,94**
11548.01000	**1.000 ml**	**101,52**
11548.02500	**2.500 ml**	**218,31**

Phosphomolybdic Acid - Orange G (C)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphomolybdic acid
- Orange G (C.I.: 16230)

Staining of tissue samples

Phosphoromolybdic Acid Orange G Solution is a combination of phosphoromolybdic acid and Orange G dye used in histology for Goldner's trichrome staining. It is used to differentiate tissue components and allows adjustments in intensity and staining contrasts depending on tissue type.

Order-No.:	Amount:	Price:
11602.00100	**100 ml**	**41,64**
11602.00250	**250 ml**	**50,51**
11602.00500	**500 ml**	**86,07**
11602.01000	**1.000 ml**	**160,80**
11602.02500	**2.500 ml**	**355,39**

Phosphomolybdic Acid - Orange G (D)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphomolybdic acid
- Orange G (C.I.: 16230)

Staining of tissue samples

Phosphorus Molybdic Acid Orange G (A) Solution is a mixture of phosphorus molybdic acid and orange G, available in five variants. It is used in histology for Goldner trichrome staining to differentiate tissue components. The different concentrations allow adjustments in intensity and staining contrast.

Order-No.:	Amount:	Price:
12936.00100	**100 ml**	**32,88**
12936.00250	**250 ml**	**39,68**
12936.00500	**500 ml**	**63,32**
12936.01000	**1.000 ml**	**117,48**
12936.02500	**2.500 ml**	**255,21**

Phosphomolybdic Acid - Orange G (E)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphomolybdic acid
- Orange G (C.I.: 16230)

Staining of tissue samples

Phosphorus Molybdic Acid Orange G (A) Solution (GOLDNER II) is a combination of phosphorus molybdic acid and orange G in various concentrations used in histology for Goldner trichrome staining. It allows differentiation of various tissue components by adjusting intensity and staining contrasts.

Order-No.:	Amount:	Price:
16590.00100	**100 ml**	**27,32**
16590.00250	**250 ml**	**32,20**
16590.00500	**500 ml**	**37,34**
16590.01000	**1.000 ml**	**68,00**
16590.02500	**2.500 ml**	**140,78**

Phosphortungstic Acid - Acid Fuchsine

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acid Fuchsine (C.I.: 42685)
- Phosphotungstic acid

Staining of tissue samples

Phosphotungstic acid acid fuchsin solution is a staining solution for tissue samples in in vitro diagnostics. It allows visualization of cell structures and improved differentiation between different tissue types. The solution is used in histological and cytological examinations and helps to identify morphological changes, inflammations, tumors or infections.

Order-No.:	Amount:	Price:
15774.00100	**100 ml**	**16,70**
15774.00250	**250 ml**	**21,93**
15774.00500	**500 ml**	**26,05**
15774.01000	**1.000 ml**	**46,48**
15774.02500	**2.500 ml**	**91,02**

Phosphortungstic Acid - Methylene Blue

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphotungstic acid
- Methyl Blue (C.I.: 42780)

Staining of tissue samples

Phosphotungstic acid methyl blue is an important component of the SHOOBRIGDE polychrome staining kit used in vitro to visualize and distinguish cellular structures and proteins. The combination enables differential staining and enhanced contrasting of tissues or cells, provides clinically relevant information.

Order-No.:	Amount:	Price:
15780.00100	**100 ml**	**16,70**
15780.00250	**250 ml**	**21,93**
15780.00500	**500 ml**	**26,05**
15780.01000	**1.000 ml**	**46,47**
15780.02500	**2.500 ml**	**91,02**

03. Staining solutions

Phosphortungstic Acid - Orange G (A)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphotungstic acid
- Orange G (C.I.: 16230)

Staining of tissue samples

Phosphotungstic acid-Orange G solutions are histological and cytological stains in four concentrations. They combine phosphotungstic acid and Orange G and allow the study of cellular details and morphological differences between cell types and tissues. The different concentrations provide optimal staining intensity and specificity for different requirements.

Order-No.:	Amount:	Price:
10330.00250	**250 ml**	**16,40**
10330.00500	**500 ml**	**23,84**
10330.01000	**1.000 ml**	**31,89**

Phosphortungstic Acid - Orange G (B)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphotungstic acid
- Orange G (C.I.: 16230)

Staining of tissue samples

Phosphotungstic acid Orange G solutions are available in four different concentrations and are used to stain cellular structures and morphological differences between cell types and tissues. They are often used in combination with other dyes to indicate different cellular components. The different concentrations allow the selection of the optimal staining intensity and specificity.

Order-No.:	Amount:	Price:
12993.00250	**250 ml**	**43,69**
12993.00500	**500 ml**	**74,38**
12993.01000	**1.000 ml**	**141,05**

Phosphortungstic Acid - Orange G (C)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphotungstic acid
- Orange G (C.I.: 16230)

Staining of tissue samples

Phosphotungstic Acid Orange G Solutions are histological and cytological stains available in four different concentrations, enabling researchers and pathologists to study cellular details and morphological differences between different cell types and tissues. The different concentrations provide optimal staining intensity and specificity for individual requirements.

Order-No.:	Amount:	Price:
13590.00100	**100 ml**	**15,90**
13590.00250	**250 ml**	**38,68**
13590.00500	**500 ml**	**63,85**
13590.01000	**1.000 ml**	**120,98**
13590.02500	**2.500 ml**	**266,78**

Phosphortungstic Acid - Orange G (C)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphotungstic acid
- Orange G (C.I.: 16230)

Staining of tissue samples

Phosphotungstic acid-Orange G solutions are histological and cytological stains in four concentrations combining phosphotungstic acid and Orange G. They enable studies of cellular details and morphological differences between cell types and tissues and are often combined with other dyes to selectively stain cellular components and tissue structures.

Order-No.:	Amount:	Price:
15768.00100	**100 ml**	**18,48**
15768.00250	**250 ml**	**19,85**
15768.00500	**500 ml**	**21,69**
15768.01000	**1.000 ml**	**38,18**
15768.02500	**2.500 ml**	**71,84**

PIANESE's Staining Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Malachite green oxlate (C.I.: 42000)
- Acid Fuchsine (C.I.: 42685)
- Martius yellow (C.I.: 10315)
- Ethyl alcohol

Staining of fungus infected plant material

PIANESE staining solution is used to differentiate fungal infected plant material in kerosene sections. It displays host cells in green and fungal mycelium in pink, allowing clear separation between fungal and plant cells. The solution is also useful for visualizing trichomes and highlighting lignified structures.

Order-No.:	Amount:	Price:
15851.00100	**100 ml**	**32,25**
15851.00250	**250 ml**	**42,74**
15851.00500	**500 ml**	**54,09**
15851.01000	**1.000 ml**	**93,81**
15851.02500	**2.500 ml**	**199,41**

Picric Acid - Orange G - Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated aqueous
- Picric Acid, saturated in Isopropanol
- Orange G (C.I.: 16230)

Staining of tissue samples

Picric Acid Orange G Solution is a histological staining solution for tissue staining and cell preparation. It combines picric acid, a strong oxidant and fixative, with Orange G, an azo dye. This solution enables differentiated visualization of tissue components and improves contrast between different tissue types and cell structures, which is crucial for correct diagnoses and better understanding of biological processes.

Order-No.:	Amount:	Price:
12597.00100	**100 ml**	**46,98**
12597.00250	**250 ml**	**53,72**
12597.00500	**500 ml**	**82,46**
12597.01000	**1.000 ml**	**161,47**
12597.02500	**2.500 ml**	**358,54**

Picric Acid 0,1 % in Acetone

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetone
- Picric acid (C.I.: 10305)

Use as laboratory reagent

Picric acid 0.1% in acetone is an effective solution for various chemical and physical processes. It is widely used in scientific research, chromatography, spectroscopy and material analysis to detect impurities in samples and selectively bind to substances.

Order-No.:	Amount:	Price:
15336.00100	**100 ml**	**20,07**
15336.00250	**250 ml**	**28,83**
15336.00500	**500 ml**	**37,13**
15336.01000	**1.000 ml**	**49,41**
15336.02500	**2.500 ml**	**99,30**

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03. Staining solutions

Picric acid alizarin red S solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated aqueous
- Alizarine red S (C.I.: 58005)
- Sodium Hydroxide / Caustic Soda 3.0 mol/l

Staining of tissue samples

Picric Acid Alizarin Red S Solution is a staining solution for histological research and biomedical diagnostics, especially in skeletal research. It visualizes calcium deposits by selectively binding calcium ions and staining them red.

Order-No.:	Amount:	Price:
14034.00100	**100 ml**	**22,41**
14034.00250	**250 ml**	**63,95**
14034.00500	**500 ml**	**87,76**
14034.01000	**1.000 ml**	**173,81**
14034.02500	**2.500 ml**	**394,57**

Picric Fuchsine 0.1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acid Fuchsine (C.I.: 42685)
- Picric acid (C.I.: 10305)

Staining of tissue samples

Picrofuchsin 0.1% is a histological single solution of aqua dist./VE water, acid fuchsin and picric acid. It is used in medical diagnostics, histology and scientific laboratories for staining tissue sections. The solution visualizes specific morphological structures in tissue types and improves the distinguishability of cell components.

Order-No.:	Amount:	Price:
17644.00100	**100 ml**	**26,08**
17644.00250	**250 ml**	**28,28**
17644.00500	**500 ml**	**53,95**
17644.01000	**1.000 ml**	**70,60**
17644.02500	**2.500 ml**	**149,32**
17644.05000	**5.000 ml**	**275,38**
17644.10000	**10.000 ml**	**523,84**

Picro Indigo Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated aqueous
- Indigo carmine (C.I.: 73015)

Staining of tissue samples

The Picro-Indigo stock solution is used in histological practice to visualize cell structures, especially cell nuclei, connective tissue and musculature, under the microscope. It consists of saturated picric acid and indigocarmine and is applied diluted with aqua distillata.

Order-No.:	Amount:	Price:
14484.00100	**100 ml**	**23,43**
14484.00250	**250 ml**	**34,59**
14484.00500	**500 ml**	**47,81**
14484.01000	**1.000 ml**	**87,92**
14484.02500	**2.500 ml**	**185,86**

Picro-Indigo Carmine (Working Solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated aqueous
- Indigo carmine (C.I.: 73015)

Staining of tissue samples

Pikro indigocarmine working solution is used in scientific research for selective staining of tissue structures, based on the combination of picric acid and indigocarmine, which enables high sensitivity and specific binding.

Order-No.:	Amount:	Price:
14028.00100	**100 ml**	**22,60**
14028.00250	**250 ml**	**58,13**
14028.00500	**500 ml**	**76,96**
14028.01000	**1.000 ml**	**147,86**
14028.02500	**2.500 ml**	**327,76**

Picro-Sirius Red Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated aqueous
- Sirius Red F3B (C.I.: 35780)

Staining of tissue samples

Picro-Sirius Red Solution is a histological staining method for collagenous fibers in tissue sections. It offers improved sensitivity and specific binding, allows precise visualization of collagen structures, and offers the possibility to study the staining under polarized light.

Order-No.:	Amount:	Price:
13422.00100	**100 ml**	**50,64**
13422.00250	**250 ml**	**56,07**
13422.00500	**500 ml**	**69,86**
13422.01000	**1.000 ml**	**134,38**
13422.02500	**2.500 ml**	**294,94**

Picro-Sirius Red Solution 0.1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated aqueous
- Sirius Red F3B (C.I.: 35780)

Staining of tissue samples

Picro Sirius Red Solution 0.1% is a chemical reagent used in medical diagnostics, histology and scientific laboratories. It consists of picric acid and the azo dye Sirius Red F3B and enables the selective staining of collagen fibers and other proteins, for example to visualize fibrosis or sclerosis.

Order-No.:	Amount:	Price:
17540.00250	**250 ml**	**60,86**
17540.00500	**500 ml**	**121,30**
17540.01000	**1.000 ml**	**158,77**

Picrofuchsin according to VAN GIESON

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric acid (C.I.: 10305)
- Acid Fuchsine (C.I.: 42685)

Staining of tissue samples

Picrofuchsin according to Van Gieson is a histological staining solution for visualizing collagen fibers in tissue sections that are stained intensely red. It is often combined with other stains and helps pathologists to identify changes in connective tissue in various diseases.

Order-No.:	Amount:	Price:
11486.00100	**100 ml**	**22,63**
11486.00250	**250 ml**	**24,60**
11486.00500	**500 ml**	**45,71**
11486.01000	**1.000 ml**	**57,16**
11486.02500	**2.500 ml**	**115,71**
11486.05000	**5.000 ml**	**210,02**
11486.10000	**10.000 ml**	**393,33**
11486.30000	**30.000 ml**	**1125,17**

Ponceau de Xylidine 1 % (MASSON B)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ponceau 2 R (C.I.: 16150)

Staining of tissue samples

Ponceau de Xylidine 1% (Masson B) is a synthetic acid dye used in Masson trichrome staining for the examination of connective tissue, muscle and other tissue components. It stains cytoplasmic structures, muscle tissue and erythrocytes in combination with other dyes such as acid fuchsin (Masson A), allowing differentiated visualization of tissue components.

Order-No.:	Amount:	Price:
11518.00250	**250 ml**	**43,96**
11518.00500	**500 ml**	**74,94**
11518.01000	**1.000 ml**	**142,10**
11518.02500	**2.500 ml**	**315,62**

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03. Staining solutions

Ponceau Fuchsine Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acid Fuchsine (C.I.: 42685)
- Ponceau 2 R (C.I.: 16150)

Staining of tissue samples

Ponceau fuchsin solution is a staining solution used in histological and cytological research. It consists of ponceau and fuchsin dyes that selectively stain cell and tissue structures. This solution is particularly suitable for staining connective tissue, muscle tissue, nervous tissue and other tissue types.

Order-No.:	Amount:	Price:
12600.00250	**250 ml**	**35,42**
12600.00500	**500 ml**	**53,41**
12600.01000	**1.000 ml**	**101,93**

Pyrogallol 1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Pyrogallol

Staining of tissue samples

Cresylecht Violet 0.25% is an aqueous solution of a synthetic dye used in histology and cytology for staining cell nuclei, chromosomes and basic cell structures. It is particularly useful for imaging neurons and glial cells in nervous tissue, and for the study of bacteria and fungi.

Order-No.:	Amount:	Price:
11778.00100	**100 ml**	**19,35**
11778.00250	**250 ml**	**23,45**
11778.00500	**500 ml**	**31,87**
11778.01000	**1.000 ml**	**60,08**
11778.02500	**2.500 ml**	**125,94**

RAKOFF's Staining

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)
- Light Green SF Yellowish (C.I.: 42095)

Staining of tissue samples

RAKOFF staining solution is a rapid staining method in hormonal cytodiagnostics, which allows reliable evaluation of the hormonal status of the vaginal mucosa. It consists of eosin G and light green yellowish, which provide differentiated and detailed visualization of tissue structures.

Order-No.:	Amount:	Price:
12652.00100	**100 ml**	**20,96**
12652.00250	**250 ml**	**28,05**
12652.00500	**500 ml**	**46,44**
12652.01000	**1.000 ml**	**60,97**
12652.02500	**2.500 ml**	**129,72**
12652.60000	**60.000 ml**	**3000,17**

Resorcin-Fuchsin, alcoholic acc. to WEIGERT

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Fuchsine (C.I.: 42510)
- Resorcin
- Iron(III) Chloride 40 %
- Ethyl alcohol
- Hydrochloric Acid 37%

Staining of tissue samples

Resorcinol-fuchsin according to Weigert is an alcoholic staining solution in histology and cytology, mainly used for staining elastic fibers in skin, blood vessels and lungs. The solution consists of resorcinol, fuchsin and alcohol and enables selective, intense purple staining of elastic fibers.

Order-No.:	Amount:	Price:
10354.00100	**100 ml**	**28,94**
10354.00250	**250 ml**	**34,83**
10354.00500	**500 ml**	**40,41**
10354.01000	**1.000 ml**	**74,50**
10354.02500	**2.500 ml**	**152,24**
10354.05000	**5.000 ml**	**254,59**
10354.10000	**10.000 ml**	**496,82**

Rhodamine 0,5 % in isopropanol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol
- 9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride (C.I.: 45170)

Copper detection in tissue samples

Rhodamine 0.5% in isopropanol is a staining solution used for labeling and visualization of cells or tissues in histology and cell biology. The fluorescent dye Rhodamine produces an intense red emission that visualizes specific structures under a fluorescence microscope, while isopropanol serves as the solvent.

Order-No.:	Amount:	Price:
12378.00250	**250 ml**	**22,82**
12378.00500	**500 ml**	**30,55**
12378.01000	**1.000 ml**	**57,55**

Rhodamine 0.15 % in isopropanol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- 9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride (C.I.: 45170)

Copper detection in tissue samples

Rhodamine 0.15% in isopropanol is a solution of 0.15% Rhodamine B and isopropanol used in various applications such as fluorescence microscopy, dye penetration test and leak detection. The solution offers high sensitivity in detection and universal applicability.

Order-No.:	Amount:	Price:
13234.00250	**250 ml**	**26,56**
13234.00500	**500 ml**	**30,46**
13234.01000	**1.000 ml**	**57,82**

Rhodamine for Fat Staining

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- 9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride (C.I.: 45170)

Staining of tissue samples

Rhodamine is a fluorescent dye used in histology for staining fats and lipids. It is particularly important for the study of lipid metabolism and adipose tissue. Visualization is performed using a fluorescence microscope, requiring specialized laboratory equipment and expertise.

Order-No.:	Amount:	Price:
12298.00250	**250 ml**	**17,69**
12298.00500	**500 ml**	**19,77**
12298.01000	**1.000 ml**	**37,02**

Safranin O 0.1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Safranine O (C.I.: 50240)

Staining of tissue samples

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Order-No.:	Amount:	Price:
12382.00100	**100 ml**	**15,35**
12382.00250	**250 ml**	**18,05**
12382.00500	**500 ml**	**25,09**
12382.01000	**1.000 ml**	**30,97**

03. Staining solutions

Safranin O 0.5 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Safranine O (C.I.: 50240)

Staining of tissue samples

Safranin O 0.5 %, aqueous is a solution for staining cell structures and tissues in histology and microscopy. It is mainly used for cartilage, cell nuclei and glycosaminoglycans and often serves as a counterstain in multistage protocols. The 0.5% aqueous solution allows easy handling and effective staining.

Order-No.:	Amount:	Price:
12284.00250	**250 ml**	**19,98**
12284.00500	**500 ml**	**25,65**
12284.01000	**1.000 ml**	**38,71**

Safranin, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Safranine O (C.I.: 50240)
- 1-Propanol

Staining of tissue samples

Safranin is a synthetic dye used in histology, cytology and microbiology. It is used to stain cartilage, bone, nucleic acids and plant cell structures, and is an important component of Gram stain for classification of bacteria. The alcoholic solution should be stored away from light and at room temperature.

Order-No.:	Amount:	Price:
11745.00100	**100 ml**	**25,51**
11745.00250	**250 ml**	**28,49**
11745.00500	**500 ml**	**37,34**
11745.01000	**1.000 ml**	**54,31**

Safranine for GRAM's Staining

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Safranine O (C.I.: 50240)

Staining of tissue samples

Safranin is an important component of Gram staining, an essential microbiological technique for classifying bacteria based on their cell wall properties. It serves as a counterstain to crystal violet and stains Gram-negative bacteria red without masking the violet color of Gram-positive bacteria. The optimized, standardized Safranin solution is an indispensable tool in microbiology laboratories.

Order-No.:	Amount:	Price:
12624.00100	**100 ml**	**16,86**
12624.00250	**250 ml**	**18,79**
12624.00500	**500 ml**	**27,43**
12624.01000	**1.000 ml**	**33,94**
12624.02500	**2.500 ml**	**62,04**

Safron du Gatinais, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Saffron (C.I.: 75100)

Staining of tissue samples

Saffron du Gatinais is a high quality saffron from the Gatinais region of France, obtained from Crocus sativus plants. It is used in histology as a dye for collagen fibers, especially in Movat pentachrome staining. The alcoholic solution is prepared from dried saffron threads and ethanol.

Order-No.:	Amount:	Price:
10369.00100	**100 ml**	**152,66**
10369.00250	**250 ml**	**247,49**
10369.00500	**500 ml**	**499,73**
10369.01000	**1.000 ml**	**948,73**

SAMSON solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Phenol
- Fuchsine (C.I.: 42510)
- Ethyl alcohol

Bacteria / sperm staining

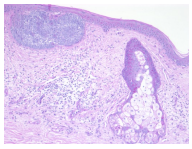
SAMSON offers a specialized staining solution used in histology and microbiology, allowing for differentiation between gram-positive and gram-negative bacteria and cell structures in tissue. The solution uses basic fuchsin, phenol, and acetic acid to selectively bind to specific structures and provide clear, reproducible results.

Order-No.:	Amount:	Price:
13061.00100	**100 ml**	**15,01**
13061.00250	**250 ml**	**18,16**
13061.00500	**500 ml**	**20,76**
13061.01000	**1.000 ml**	**38,91**

SCHIFF's Reagent

Lagerung: *4 … 20 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Pararosaniline (C.I.: 42500)
- Sodium metabisulfite
- Charcoal, med.



Detection of aldehyde groups

Schiff's reagent is a staining solution in histology and cytology consisting of basic fuchsin and sodium metabisulfite or sodium disulfite. It is used for Schiff fuchsin staining to visualize and identify periodic acid-Schiff (PAS)-reactive structures such as polysaccharides, glycoproteins, and aldehydes in tissues.

Order-No.:	Amount:	Price:
11686.00100	**100 ml**	**19,40**
11686.00250	**250 ml**	**23,15**
11686.00500	**500 ml**	**32,91**
11686.01000	**1.000 ml**	**59,49**
11686.02500	**2.500 ml**	**108,94**
11686.60000	**60.000 ml**	**814,54**

Seed red 0,1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aluminium sulphate hydrate • 14 H2O
- Nuclear fast red (C.I.: 60760)
-

Staining of tissue samples

Kernel Red 0.1% is a solution used in histology and cytology that stains cell nuclei in tissue sections and cell preparations red. It consists of water, aluminum sulfate and the Kernechtrot dye and is used in standard stains as a counterstain to differentiate cell structures and facilitate microscopic examination.

Order-No.:	Amount:	Price:
10264.00100	**100 ml**	**28,78**
10264.00250	**250 ml**	**33,58**
10264.00500	**500 ml**	**43,58**
10264.01000	**1.000 ml**	**82,05**
10264.02500	**2.500 ml**	**175,65**
10264.05000	**5.000 ml**	**329,09**
10264.10000	**10.000 ml**	**627,91**

SHORR's Staining Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- (C.I.: 26905)
- Orange G (C.I.: 16230)
- Fast Green FCF (C.I.: 42053)
- Phosphotungstic acid
- Phosphomolybdic acid

Staining of smear preparations

Shorr's staining solution is an important staining procedure in histology and cytology that allows detailed studies of cells and tissues. It consists of various dyes and acids that bind to cellular structures, enhance staining and provide improved stability and resolution.

Order-No.:	Amount:	Price:
11451.00250	**250 ml**	**29,08**
11451.00500	**500 ml**	**43,69**
11451.01000	**1.000 ml**	**82,57**
11451.02500	**2.500 ml**	**177,97**

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03. Staining solutions

Staining Solution after MALLORY

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aniline blue w.s. (C.I.: 42755 / 42780)
- Orange G (C.I.: 16230)
- Oxalic acid

Staining of tissue samples

MALLORY staining solution is used for staining connective tissue and collagen fibers in histological specimens and is used in medical diagnostics and histopathology. It improves tissue differentiation under the microscope by selective staining and enables detailed visual analysis of the tissue.

Order-No.:	Amount:	Price:
10270.00100	**100 ml**	**19,54**
10270.00250	**250 ml**	**27,89**
10270.00500	**500 ml**	**34,36**
10270.01000	**1.000 ml**	**65,32**
10270.02500	**2.500 ml**	**134,60**

Staining Solution for Fluorescence Microscopy

Lagerung: *-20 °C*

Relevant Incredients:
- Ethidiumbromid
- Ethyl alcohol
- Acridine Orange (C.I.: 46005)
- Aqua dest. / pure water

DNA staining

A special staining solution for fluorescence microscopy contains ethidium bromide, acridine orange and ethanol. It enables precise visualization of cellular and subcellular structures and is particularly suitable for use in cell and molecular biology.

Order-No.:	Amount:	Price:
13642.C0001	**100 x 1 ml**	**319,93**
13642.00025	**25 ml**	**66,74**
13642.00050	**50 ml**	**104,26**
13642.00100	**100 ml**	**164,51**

Staining Solution for Leukocytes

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Phloxin B (C.I.: 45410)
- Benzidine

Staining of round cells in ejaculate

Leukocyte staining solution consists of phloxine B, benzidine and 50% ethanol. It enables the visualization of white blood cells in blood or bone marrow preparations by selectively staining cell structures and improving efficiency. Different types of leukocytes can be differentiated based on morphology, nuclear shape and granularity.

Order-No.:	Amount:	Price:
11638.00100	**100 ml**	**64,28**
11638.00250	**250 ml**	**109,14**
11638.00500	**500 ml**	**207,69**
11638.01000	**1.000 ml**	**398,66**
11638.02500	**2.500 ml**	**897,63**

STEVENEL's Blue - Working Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- STEVENEL's Blue Stock Solution A
- STEVENEL's Blue Stock Solution B
-

Staining of tissue samples

STEVENEL Blue Working Solution combines methylene blue and potassium permanganate to enable differential staining and visualization of cell structures at the submicroscopic level. It increases contrast in cell and tissue samples and is a valuable tool for histological and cytological research.

Order-No.:	Amount:	Price:
16547.00100	**100 ml**	**32,54**
16547.00250	**250 ml**	**37,52**
16547.00500	**500 ml**	**54,34**
16547.01000	**1.000 ml**	**92,91**
16547.02500	**2.500 ml**	**195,70**

STEVENEL's Blue Stock Solution A

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)

Staining of tissue samples

STEVENEL Blue Stock Solution A is a methylene blue solution that selectively binds to nucleic acids, thereby labeling cell structures in histological and cytological specimens. It is widely used in microscopy and cell analysis and enables visible visualization of cell morphology.

Order-No.:	Amount:	Price:
16535.00100	**100 ml**	**15,07**
16535.00250	**250 ml**	**18,34**
16535.00500	**500 ml**	**26,41**
16535.01000	**1.000 ml**	**39,62**
16535.02500	**2.500 ml**	**78,63**

STEVENEL's Blue Stock Solution B

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium permanganate

Staining of tissue samples

STEVENEL Blue Stock Solution B contains potassium permanganate, a strong oxidizing agent dissolved in water. Together with methylene blue, it improves the staining of tissue samples and increases contrast and detail.

Order-No.:	Amount:	Price:
16541.00100	**100 ml**	**8,14**
16541.00250	**250 ml**	**16,37**
16541.00500	**500 ml**	**23,74**
16541.01000	**1.000 ml**	**31,76**
16541.02500	**2.500 ml**	**60,45**

Sudan black ~ 1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sudan Black B (C.I.: 26150)
- Aqua dest. / pure water

Staining of tissue samples

Sudan Black is an alcoholic dye mainly used for staining tissue samples in medical and histological diagnostics. It is particularly suitable for staining lipids and fatty substances and, in combination with ethanol and water, enables high penetration into tissue samples for meaningful results. This high-contrast imaging contributes to the accuracy of medical diagnoses.

Order-No.:	Amount:	Price:
16106.00100	**100 ml**	**29,96**
16106.00250	**250 ml**	**32,14**
16106.00500	**500 ml**	**61,22**
16106.01000	**1.000 ml**	**80,16**
16106.02500	**2.500 ml**	**170,76**

Sudan Black 0,1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sudan Black B (C.I.: 26150)

Staining of tissue samples

Sudan Black 0.1%, alcoholic is a solution used in medical diagnostics, histology and scientific laboratories to stain neutral lipids and fats in tissue samples. It consists of denatured ethanol, distilled water, Sudan Black B and 1-propanol and allows specific staining for diagnostic purposes or for the study of cell morphology.

Order-No.:	Amount:	Price:
18147.00100	**100 ml**	**19,64**
18147.00250	**250 ml**	**24,04**
18147.00500	**500 ml**	**36,11**
18147.01000	**1.000 ml**	**47,75**
18147.02500	**2.500 ml**	**93,79**

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03. Staining solutions

Sudan III 0.1 %, in Glycerine Ethanol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Glycerol
- Sudan III (C.I.: 26100)

Staining of tissue samples

Sudan III 0.1 % in glycerol ethanol is an efficient laboratory chemical for staining tissue samples, optimal for the detection of lipids and fatty acids in biological samples. It allows improved visualization, delineation and identification of lipid-rich cells, as well as precise qualitative and quantitative analyses.

Order-No.:	Amount:	Price:
15934.00100	**100 ml**	**17,40**
15934.00250	**250 ml**	**30,89**
15934.00500	**500 ml**	**42,50**
15934.01000	**1.000 ml**	**81,46**
15934.02500	**2.500 ml**	**170,68**

Sudan III 0.2 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sudan III (C.I.: 26100)
- 1-Propanol

Staining of tissue samples

Sudan III 0.2% (alcoholic) is an important diagnostic agent for in vitro applications, especially in histology. It serves as a lipophilic dye for staining and identification of adipose tissue and lipid structures, which is relevant in clinical pictures such as obesity or arteriosclerosis.

Order-No.:	Amount:	Price:
15845.00100	**100 ml**	**18,05**
15845.00250	**250 ml**	**25,81**
15845.00500	**500 ml**	**34,20**
15845.01000	**1.000 ml**	**62,01**
15845.02500	**2.500 ml**	**126,95**

Sudan III 1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sudan III (C.I.: 26100)
- Ethyl alcohol

Staining of tissue samples

Sudan III 1 %, alcoholic, is a lipophilic dye used in medical and histological diagnostics for staining tissue samples. Due to its affinity for fats, it labels adipose tissue and particles, allowing precise, well-defined visualization and supporting reliable analysis and diagnosis.

Order-No.:	Amount:	Price:
16394.00100	**100 ml**	**51,35**
16394.00250	**250 ml**	**75,84**
16394.00500	**500 ml**	**128,43**
16394.01000	**1.000 ml**	**243,69**
16394.02500	**2.500 ml**	**553,80**

Sudan III in Glacial Acetic Acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Ethyl alcohol
- Sudan III (C.I.: 26100)

Staining of tissue samples

Sudan III in glacial acetic acid is a solution of Sudan III, a dye for staining lipid-containing structures in histology and food analysis. Acetic acid and denatured ethanol serve as solvents and make the dye selectively visible in lipid-containing structures. It has a wide range of applications in research and analytics.

Order-No.:	Amount:	Price:
12911.00100	**100 ml**	**19,89**
12911.00250	**250 ml**	**24,99**
12911.00500	**500 ml**	**35,10**
12911.01000	**1.000 ml**	**66,23**

Sudan III, alcoholic (original)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sudan III (C.I.: 26100)

Staining of tissue samples

Sudan III, alcoholic (original) is a histological staining solution for staining lipids and fatty substances in tissue sections and cell preparations. The solution identifies and localizes lipids in various tissues and provides important information for diagnosis and understanding of diseases and metabolic processes.

Order-No.:	Amount:	Price:
10396.00100	**100 ml**	**20,89**
10396.00250	**250 ml**	**26,77**
10396.00500	**500 ml**	**36,22**
10396.01000	**1.000 ml**	**65,85**
10396.02500	**2.500 ml**	**135,82**

Sudan IV 0.25 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- 1-<2-Methyl-4-o-tolylazo-phenylazo>-<2>naphthol (C.I.: 26105)

Staining of tissue samples

Sudan IV 0.25%, alcoholic is a laboratory chemical for histological staining of lipids. The red staining allows visualization of lipid structures in cells and tissues, which can be useful for the study of metabolic disorders.

Order-No.:	Amount:	Price:
15448.00100	**100 ml**	**13,62**
15448.00250	**250 ml**	**17,76**
15448.00500	**500 ml**	**21,57**
15448.01000	**1.000 ml**	**37,33**
15448.02500	**2.500 ml**	**73,34**

Sudan IV in Ethylenglycol

Lagerung:

Relevant Incredients:
- Ethylene glycol 99,8 %
- 1-<2-Methyl-4-o-tolylazo-phenylazo>-<2>naphthol (C.I.: 26105)

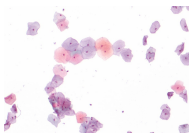
Staining of tissue samples

Sudan IV in ethylene glycol is a staining solution for histology and cytology used for selective staining of lipids and fatty structures in tissue specimens. Ethylene glycol allows effective dye penetration and facilitates the staining process while reducing evaporation. Staining is widely used for the analysis of adipose tissue, atherosclerosis and fat-containing cells.

Order-No.:	Amount:	Price:
12575.00250	**250 ml**	**17,33**
12575.00500	**500 ml**	**20,56**
12575.01000	**1.000 ml**	**35,57**

SZCZEPANIK Polychrome Solution (Cytological Rapid Staining)

Lagerung: *15 … 25 °C*



Relevant Incredients:
- Ethyl alcohol
- Ethylene glycol 99,8 %
- Light Green SF Yellowish (C.I.: 42095)
- Bismarck Brown R (C.I.: 21010)
- Eosin Y (C.I.: 45380)
- Acetic acid 99%
- Phosphotungstic acid

Staining of smear preparations

SZCZEPANIK Polychrome Solution is part of the SZCZEPANIK staining kit and is used in histological, medical diagnostic and life science applications. It enables differentiated and detailed visualizations of cell structures and is specifically designed for rapid cytological staining. The solution contains various chemicals that interact specifically with different cell components and provides a reliable basis for accurate cytological analyses.

Order-No.:	Amount:	Price:
14697.00100	**100 ml**	**21,32**
14697.00250	**250 ml**	**28,85**
14697.00500	**500 ml**	**38,36**
14697.01000	**1.000 ml**	**67,00**
14697.02500	**2.500 ml**	**139,50**

03. Staining solutions

SZCZEPANIK's Hematoxylin (Cyto Fast Staining)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aluminium sulphate hydrate • 14 H2O
- Citric acid

Staining of smear preparations

SZCZEPANIK Hematoxylin Solution is part of the SZCZEPANIK staining kit and is used for rapid cytological staining. It contains Papanicolaou hematoxylin, aluminum sulfate hydrate and citric acid, and stains cell nuclei and basophilic structures in histological and cytological specimens blue to violet.

Order-No.:	Amount:	Price:
14703.00100	**100 ml**	**44,12**
14703.00250	**250 ml**	**57,73**
14703.00500	**500 ml**	**70,52**
14703.01000	**1.000 ml**	**135,64**
14703.02500	**2.500 ml**	**295,36**

Thiazin Red 1 %, aqueous

Lagerung: *Bei 4°C*

Relevant Incredients:
- Thiazine Red R (C.I.: 14780)

Staining of tissue samples

Thiazine Red 1% solution is used in histology, cytology and microbiological preparations to visualize and differentiate target structures in cells. The dye binds to negatively charged proteins and nucleic acids, resulting in a clear red staining that allows identification and characterization of different cell types.

Order-No.:	Amount:	Price:
12990.00100	**100 ml**	**41,14**
12990.00250	**250 ml**	**75,32**
12990.00500	**500 ml**	**140,79**
12990.01000	**1.000 ml**	**267,54**
12990.02500	**2.500 ml**	**605,71**

Thiazine Red - Picric Acid Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric Acid, saturated aqueous
- Thiazin Red 1 %, aqueous

Staining of tissue samples

Thiazine Red Picric Acid Solution is a staining reagent for histological studies. It enables specific staining and differentiation of tissue structures by thiazine red binding to acidic tissue components and picric acid providing additional contrast.

Order-No.:	Amount:	Price:
12648.00100	**100 ml**	**24,75**
12648.00250	**250 ml**	**46,90**
12648.00500	**500 ml**	**70,12**
12648.01000	**1.000 ml**	**133,42**
12648.02500	**2.500 ml**	**298,41**

Thioflavin S 1 %, aqueous

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Thioflavin S

Detection of amyloid deposits

Thioflavin S 1% is a solution used in histology and research of protein aggregates, specifically amyloid plaques related to neurodegenerative diseases such as Alzheimer's. It selectively marks amyloid plaques and other protein aggregates in tissue samples, allowing for sensitive and specific detection under fluorescence microscopy. Its unique chemical properties allow for the distinction of amyloid plaques from other cellular structures, making it an effective solution for the investigation of protein aggregates in histological samples.

Order-No.:	Amount:	Price:
13190.00100	**100 ml**	**63,47**
13190.00250	**250 ml**	**88,91**
13190.00500	**500 ml**	**150,66**
13190.01000	**1.000 ml**	**289,74**

Thioflavin S 4 %, isotonic

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Thioflavin S
- Sodium chloride

Detection of amyloid deposits

Thioflavin S 4% isotonic is an effective tool for the study and visualization of amyloid structures, especially in neurodegenerative diseases such as Alzheimer's disease. It is used in histology, medical diagnostics and life sciences. The solution consists of thioflavin S and sodium chloride and allows detailed analysis of amyloid deposits by fluorescence microscopy.

Order-No.:	Amount:	Price:
14719.00100	**100 ml**	**105,58**
14719.00250	**250 ml**	**274,67**
14719.00500	**500 ml**	**534,56**
14719.01000	**1.000 ml**	**1032,78**
14719.02500	**2.500 ml**	**2434,80**

Toluidine Blue - Pyronin Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Pyronine G/Y (C.I.: 45005)
- Toluidine Blue (C.I.: 52040)
- Sodium tetraborate • 10 H_2O

Staining of tissue samples

Toluidine blue-pyronin solution is used in histology and pathology to stain and examine different cell types and tissue components. It contains toluidine blue and pyronin G/Y which bind to nucleic acids and RNA respectively, allowing for the differentiation of cell structures. The addition of sodium tetraborate decahydrate stabilizes the pH for optimal staining conditions. This solution is useful for a variety of applications and can be adapted to fit specific research requirements.

Order-No.:	Amount:	Price:
12796.00250	**250 ml**	**154,32**
12796.00500	**500 ml**	**279,64**
12796.01000	**1.000 ml**	**543,88**

Toluidine Blue 0,5 %, methanolic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methyl alcohol
- Glycerol
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

Toluidine Blue 0.5%, methanolic is a staining solution for histological and cytological examinations. It binds to acidic tissue components and allows differentiation of cell structures by metachromasia. The stained preparations are analyzed by light microscopy, which supports precise histological analyses.

Order-No.:	Amount:	Price:
15149.00100	**100 ml**	**23,52**
15149.00250	**250 ml**	**30,64**
15149.00500	**500 ml**	**36,76**
15149.01000	**1.000 ml**	**67,92**
15149.02500	**2.500 ml**	**136,34**

03. Staining solutions

Toluidine Blue 0.01 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

The 0.01% Toluidine Blue solution is an aqueous solution used in histology and cytology to identify acidic polysaccharides, glycoproteins and mast cells. The dye selectively binds to acidic components of tissue, allowing differential staining and providing detailed information about tissues and cells.

Order-No.:	Amount:	Price:
13094.00250	**250 ml**	**21,40**
13094.00500	**500 ml**	**27,94**
13094.01000	**1.000 ml**	**37,20**

Toluidine Blue 0.05 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

Toluidine Blue 0.05% is a staining solution used in histology, medical diagnostics and life sciences. It is suitable for staining of connective tissue, mast cells and biopolymers and allows selective staining of acidic structures. The solution is specific and sensitive and facilitates the identification and analysis of structures.

Order-No.:	Amount:	Price:
13469.00250	**250 ml**	**22,13**
13469.00500	**500 ml**	**31,06**
13469.01000	**1.000 ml**	**38,08**

Toluidine Blue 0.05 % (with TRITON X-100 0.5 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Triton X-100
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

Toluidine Blue 0.05% with TRITON X-100 0.5% is a high quality staining agent for medical and histological diagnostics. It enables precise staining of tissue samples, especially mast cells and acid mucopolysaccharides, through improved permeability and uniform staining. The solution provides clear, high-contrast visualizations for accurate analysis and diagnosis.

Order-No.:	Amount:	Price:
16350.00100	**100 ml**	**22,97**
16350.00250	**250 ml**	**25,31**
16350.00500	**500 ml**	**36,96**
16350.01000	**1.000 ml**	**50,35**
16350.02500	**2.500 ml**	**99,97**
16350.05000	**5.000 ml**	**173,91**

Toluidine Blue 0.1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

Toluidine Blue 0.1% is a dilute staining solution used in biological and medical research. It stains acidic tissue components such as nucleic acids blue and is suitable for identifying mast cells. The metachromatic properties allow differentiated observations of various cell structures and components, especially proteoglycans.

Order-No.:	Amount:	Price:
12379.00250	**250 ml**	**16,48**
12379.00500	**500 ml**	**24,08**
12379.01000	**1.000 ml**	**32,19**

Toluidine Blue 0.1 %, in Sodium Tetraborate

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium tetraborate • 10 H_2O
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

Toluidine Blue 0.1% in sodium tetraborate is an aqueous staining solution for histology and cytology. It contains a basic dye that selectively binds to acidic components and highlights cell structures and tissue types. Sodium tetraborate serves as a buffer solution for optimal staining and differentiation of cell structures.

Order-No.:	Amount:	Price:
11357.00100	**100 ml**	**13,20**
11357.00250	**250 ml**	**16,54**
11357.00500	**500 ml**	**24,27**
11357.01000	**1.000 ml**	**32,43**

Toluidine Blue 0.25 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

Toluidine Blue 0.25 %, aqueous is an important laboratory chemical for histological staining. It specifically stains certain tissue components and allows differentiation and identification of cell structures. Metachromatic staining visualizes structures such as mast cells, cartilage and mucopolysaccharides, while monochromatic staining visualizes collagen and muscle tissue.

Order-No.:	Amount:	Price:
15527.00100	**100 ml**	**12,65**
15527.00250	**250 ml**	**18,57**
15527.00500	**500 ml**	**23,44**
15527.01000	**1.000 ml**	**40,56**
15527.02500	**2.500 ml**	**80,81**

Toluidine Blue 1 % in Ethanol - Acetic Acid

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Toluidine Blue (C.I.: 52040)
- Acetic acid 99%

Dyeing frozen cuts

Toluidine blue is suitable for selective staining of cell structures and tissue components, especially acidic groups. The solution of ethanol and acetic acid improves penetration into cell structures and is suitable for visualization of mast cells, cartilage tissue, nerve tissue, mucosal structures and bacterial biofilms.

Order-No.:	Amount:	Price:
13008.00100	**100 ml**	**29,96**
13008.00250	**250 ml**	**42,93**
13008.00500	**500 ml**	**70,36**
13008.01000	**1.000 ml**	**123,30**

03. Staining solutions

Toluidine Blue 1 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Toluidine Blue (C.I.: 52040)
- Aqua bidest / purified water

Staining of tissue samples

Toluidine blue is a thiazine dye used in histology and cytology. The 1% alcoholic solution is suitable for staining tissues and cells in alcohol-based protocols. It binds to acidic tissue components such as nucleic acids and exhibits metachromatic properties to stain mast cells red, for example. The solution enables differentiated staining and should be used by skilled personnel in laboratories.

Order-No.:	Amount:	Price:
12497.00100	**100 ml**	**21,72**
12497.00250	**250 ml**	**30,26**
12497.00500	**500 ml**	**46,18**
12497.01000	**1.000 ml**	**87,33**
12497.02500	**2.500 ml**	**188,96**

Toluidine Blue 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

The 1% aqueous solution of toluidine blue is a versatile stain in histology and cytology. It binds to acidic tissue components and nucleic acids, enables differential staining of various cell types, and is particularly useful for identifying mast cells in inflammatory and allergic processes.

Order-No.:	Amount:	Price:
12494.00100	**100 ml**	**20,17**
12494.00250	**250 ml**	**29,41**
12494.00500	**500 ml**	**44,39**
12494.01000	**1.000 ml**	**83,92**
12494.02500	**2.500 ml**	**181,08**

Toluidine Blue 1 %, in Sodium Hydrogencarbonate 2.5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Toluidine Blue (C.I.: 52040)
- Sodium hydrogen carbonate

Staining of tissue samples

Toluidine blue 1% in sodium bicarbonate 2.5% is an important tool in histological research. It enables visualization and differentiation of mast cells and acid mucopolysaccharides and is used in microscopic diagnostics, such as squamous cell carcinoma and Barrett's esophagus. The solution supports the understanding of tissue structures and pathologies as well as the detection and classification of disease states.

Order-No.:	Amount:	Price:
14823.00100	**100 ml**	**19,05**
14823.00250	**250 ml**	**29,77**
14823.00500	**500 ml**	**45,15**
14823.01000	**1.000 ml**	**85,36**
14823.02500	**2.500 ml**	**184,40**

Toluidine Blue 2 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Toluidine Blue (C.I.: 52040)

Staining of tissue samples

Toluidine blue 2% aqueous solution is a versatile stain for histology and cytology and has the ability to selectively stain mast cells, cartilage tissue and acidic mucopolysaccharides. A special feature is metachromasia, in which the stain changes color depending on the binding affinity to the cell structures. The ease of use and precise visualization of different cell structures allows efficient and accurate analysis of tissue samples.

Order-No.:	Amount:	Price:
13390.00100	**100 ml**	**37,43**
13390.00250	**250 ml**	**64,38**
13390.00500	**500 ml**	**108,63**
13390.01000	**1.000 ml**	**209,13**

Toluidine Blue for Araldit embedded sections

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Glycerol
- Methyl alcohol
- Phosphate Buffer pH 6.9
- Methylene blue (C.I.: 52015)
-

Staining of tissue samples

Methylene blue for Araldite sections is a single solution used in medical diagnostics, histology and scientific laboratories. It consists of different chemicals and is suitable for staining Araldite-embedded tissue sections. The combination of methylene blue and Azur II allows precise, differential staining of cell nuclei and cytoplasm, resulting in higher resolution and contrast for microscopic observation.

Order-No.:	Amount:	Price:
11212.00100	**100 ml**	**27,35**
11212.00250	**250 ml**	**37,15**
11212.00500	**500 ml**	**60,09**
11212.01000	**1.000 ml**	**80,20**
11212.02500	**2.500 ml**	**160,17**

Triazid after EHRLICH (Stock Solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl green (zinc chloride) (C.I.: 42590)
- Acid Fuchsine (C.I.: 42685)
- Orange G (C.I.: 16230)

Staining of tissue samples

The EHRLICH triazide is a staining solution specially developed for the histological examination of cell nuclei and other cellular structures in plant and animal tissues. It is particularly suitable for medical diagnostics and is characterized by its versatile applicability and differentiated representation of cell structures.

Order-No.:	Amount:	Price:
13455.00100	**100 ml**	**130,02**
13455.00250	**250 ml**	**372,61**
13455.00500	**500 ml**	**760,22**
13455.01000	**1.000 ml**	**1450,90**
13455.02500	**2.500 ml**	**3338,74**

Triazid after EHRLICH (Working Solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Triazid after EHRLICH (Stock Solution)
- Acetic acid 99%

Staining of tissue samples

Triazide according to EHRLICH is a specially developed staining solution for histological examination of cell nuclei and other cellular structures in plant and animal tissues used in medical diagnostics. The solution contains methyl green, acid fuchsin and orange G and is based on a mixture of triazide according to Ehrlich and acetic acid.

Order-No.:	Amount:	Price:
13460.00100	**100 ml**	**50,21**
13460.00250	**250 ml**	**72,47**
13460.00500	**500 ml**	**103,90**
13460.01000	**1.000 ml**	**202,06**
13460.02500	**2.500 ml**	**448,86**

03. Staining solutions

TUERK's Counting Solution for Leucocytes

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Crystal Violet (C.I.: 42555)

Blood smear staining

Türk's solution is a staining solution in hematology that contains gentian violet and acetic acid. It is used to count leukocytes (white blood cells) by staining the nuclei and lyzing erythrocytes (red blood cells). This allows determination of leukocyte count as an indicator of infection, inflammation or immunological disease.

Order-No.:	Amount:	Price:
11651.00100	**100 ml**	**17,46**
11651.00250	**250 ml**	**18,78**
11651.00500	**500 ml**	**25,49**
11651.01000	**1.000 ml**	**34,06**

Victoria blue staining solution according to Miller (Elastica)

Lagerung:

Relevant Incredients:
- (C.I.: 42563)
- New Fuchsin (C.I.: 42520)
- Crystal Violet (C.I.: 42555)
- Resorcin
- Dextrine
- Iron(III) Chloride 29 %
- Ethanol 96 %, denatured (MEK/IPA/BTX)
- Hydrochloric Acid 37%
- Aqua dest. / pure water

Miller's Victoria Blue Staining Solution (Elastica) is a chemical mixture used in medical diagnostics, histology and scientific laboratories for staining connective tissue and elastic fibers. It enables precise visualization of elastic components in tissue sections and improves diagnostic accuracy as well as research work in laboratories.

Order-No.:	Amount:	Price:
19045.00100	**100 ml**	**52,65**
19045.00250	**250 ml**	**79,07**
19045.00500	**500 ml**	**185,10**
19045.01000	**1.000 ml**	**246,63**
19045.02500	**2.500 ml**	**565,49**

Victoria Blue Stock Solution

Lagerung:

Relevant Incredients:
- Dextrine
- Basic Blue 26 (C.I.: 44045)
- Resorcin
- Iron(III) Chloride 29 %
- Ethanol 70 %, denatured (MEK/IPA/BTX)
- Hydrochloric Acid 37%
- Phenol

Detection of hepatitis B antigen

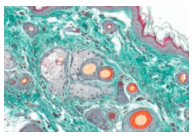
Victoria Blue staining solution is used in medical diagnostics, histology and scientific laboratories, especially for the identification of hepatitis B antigens. The solution consists of various components and enables differential staining so that hepatitis B antigens can be visualized and analyzed under the microscope.

Order-No.:	Amount:	Price:
10282.00250	**250 ml**	**49,64**
10282.00500	**500 ml**	**86,99**
10282.01000	**1.000 ml**	**114,73**

WEIGERT stock solution A

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hematoxylin (C.I.: 75290)



Cell nuclei staining

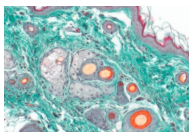
Weigert iron hematoxylin staining is a histological staining method that selectively stains cell nuclei and other basophilic structures in tissue sections and cell preparations. It uses a mixture of stock solution A (hematoxylin, ethanol, and water) and stock solution B (iron salt solution) to apply the hematoxylin to the tissue while providing iron compounds as oxidizing agents. This staining is often used as part of more complex staining procedures.

Order-No.:	Amount:	Price:
10225A.00100	**100 ml**	**25,58**
10225A.00250	**250 ml**	**32,37**
10225A.00500	**500 ml**	**57,54**
10225A.01000	**1.000 ml**	**82,15**
10225A.02500	**2.500 ml**	**174,96**
10225A.05000	**5.000 ml**	**309,70**
10225A.10000	**10.000 ml**	**561,78**

WEIGERT stock solution B

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %
- Hydrochloric Acid 37%



Cell nuclei staining

Weigert Stock Solution B contains an iron salt solution that serves as an oxidizing agent and is mixed with Stock Solution A to produce the Weigert iron hematoxylin stain. This stain is used to stain cell nuclei and other basophilic structures in tissue sections and cell preparations. It is often used as part of more complex staining procedures.

Order-No.:	Amount:	Price:
10225B.00100	**100 ml**	**15,86**
10225B.00250	**250 ml**	**22,19**
10225B.00500	**500 ml**	**28,94**
10225B.01000	**1.000 ml**	**37,56**
10225B.02500	**2.500 ml**	**68,24**
10225B.05000	**5.000 ml**	**105,21**
10225B.10000	**10.000 ml**	**181,12**

Alkaline Silver Iodine Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium iodide
- Sodium hydroxide
- Silver Nitrate 1 %

Impregnation of fabric cuts

Alkaline silver iodide solution consists of potassium iodide, sodium hydroxide and silver nitrate and is used in microscopy to stain and highlight specific structures in histological specimens, especially in darkfield microscopy for the examination of nervous tissue, connective tissue and muscle tissue.

Order-No.:	Amount:	Price:
13114.00100	**100 ml**	**28,74**
13114.00250	**250 ml**	**34,98**
13114.00500	**500 ml**	**58,53**
13114.01000	**1.000 ml**	**106,33**

Developing Solution for CAMPBELL-SWITZER Staining

Lagerung: *15 … 25 °C*

Components of this kit:
- GALLAY's Stain (Stock Solution I), Artikel-Nr.:13118
- GALLAY's Stain (Stock Solution II), Artikel-Nr.:13122
- GALLAY's Stain (Stock Solution III), Artikel-Nr.:13126

Impregnation of fabric cuts

The Campbell-Switzer staining kit contains three stock solutions and is used in medical diagnostics, histology and scientific laboratories. It helps visualize tissue, cell and metal structures in vitro and improves imaging analysis for objective diagnoses. Applications include studies of neurofibrils, synapses and metal oxides.

Order-No.:	Amount:	Price:
16903.00100	**100 ml**	**24,91**
16903.00250	**250 ml**	**27,73**
16903.00500	**500 ml**	**46,92**
16903.01000	**1.000 ml**	**90,92**

03.1 Silver impregnations

Fixing mixture for silver nitrate impregnation

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium thiosulfate • 5 H_2O
- Potassium disulfite
- ammonium chloride

Differentiation / pickling / bluing

Silver nitrate impregnation fixative mixture is used in histology and medical diagnostics to visualize microscopic structures such as nerve fibers and fungal structures. It removes unreduced silver ions, enhances contrast and enables precise identification of specific structures. The mixture consists of sodium thiosulfate-5-hydrate, potassium disulfite and ammonium chloride dissolved in Aqua bidest.

Order-No.:	Amount:	Price:
14508.00100	**100 ml**	**14,23**
14508.00250	**250 ml**	**23,11**
14508.00500	**500 ml**	**31,17**
14508.01000	**1.000 ml**	**58,73**
14508.02500	**2.500 ml**	**122,82**

GALLAY's Stain (Stock Solution I)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium carbonate anhydrous

Impregnation of fabric cuts

GALLYAS staining (stock solution I) uses sodium carbonate as a buffer and to adjust the pH in the staining solution, and plays an important role in histological examination to visualize neurofibrillary tangles and degenerative changes in nervous tissue. It is particularly suitable for the examination of nervous tissue and the identification of neurodegenerative changes.

Order-No.:	Amount:	Price:
13118.00100	**100 ml**	**17,05**
13118.00250	**250 ml**	**19,33**
13118.00500	**500 ml**	**20,59**
13118.01000	**1.000 ml**	**36,08**

GALLAY's Stain (Stock Solution II)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- ammonium nitrate
- Silver Nitrate
- Tungstosilicic acid hydrate

Impregnation of fabric cuts

GALLYAS stain, which contains ammonium nitrate, silver nitrate and tungstate silica hydrate, is used in histological examination to visualize degenerative changes in nervous tissue and Alzheimer's disease-associated structures. Stock Solution II reduces silver ions to elemental silver and is specifically developed for the examination of nervous tissue and identification of neurodegenerative changes.

Order-No.:	Amount:	Price:
13122.00100	**100 ml**	**28,25**
13122.00250	**250 ml**	**33,56**
13122.00500	**500 ml**	**55,54**
13122.01000	**1.000 ml**	**100,63**

GALLAY's Stain (Stock Solution III)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- ammonium nitrate
- Silver Nitrate
- Tungstosilicic acid hydrate
- Formaldehyde ~37%, stabilised

Impregnation of fabric cuts

GALLYAS staining (stock solution III) is used in combination with other stock solutions for histological examinations to visualize neurodegenerative structures in nervous tissue, especially Alzheimer's-associated ones. It produces a high-contrast and selective staining image and is not suitable for general staining.

Order-No.:	Amount:	Price:
13126.00100	**100 ml**	**28,25**
13126.00250	**250 ml**	**33,56**
13126.00500	**500 ml**	**55,55**
13126.01000	**1.000 ml**	**100,66**

Gelatine Solution, buffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetate Buffer pH 3.6
- Gelatin

Impregnation of fabric cuts

The buffered gelatin solution is ideal for the Warthin-Starry silver plating technique as it enables the reduction of silver nitrate efficiently and uniformly and improves the sensitivity and specificity of the staining. The use of acetate buffer in this solution ensures a stable pH and optimal reaction conditions.

Order-No.:	Amount:	Price:
13353.00100	**100 ml**	**34,19**
13353.00250	**250 ml**	**46,91**
13353.00500	**500 ml**	**66,49**
13353.01000	**1.000 ml**	**128,85**

Goldchloride 0.1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Differentiation / pickling / bluing

Gold chloride solutions are used in histology as reducing agents for staining and visualization of neurons and nerve fibers, especially in silver plating methods. They bind to silver compounds, produce visible silver grains and thus enable the examination of nerve cell structures under the microscope.

Order-No.:	Amount:	Price:
11134.00100	**100 ml**	**59,56**
11134.00250	**250 ml**	**88,82**
11134.00500	**500 ml**	**167,18**
11134.01000	**1.000 ml**	**315,92**

Goldchloride 0.2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Differentiation / pickling / bluing

Gold chloride solutions are used in histology as reducing agents for staining and visualizing neurons and nerve fibers. They are used in silver plating methods to visualize neurons, dendrites and axons. Gold chloride binds to silver compounds and forms visible silver grains that adhere to neuronal structures, allowing the examination of neurons and their connections under the microscope.

Order-No.:	Amount:	Price:
11296.00100	**100 ml**	**85,19**
11296.00250	**250 ml**	**161,32**
11296.00500	**500 ml**	**318,77**
11296.01000	**1.000 ml**	**604,05**

03.1 Silver impregnations

Goldchloride 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
•

Retoning silver impregnations

Gold chloride solutions are used in histology as reducing agents for staining and visualizing neurons and nerve fibers. They are used in silver plating methods to visualize neurons, dendrites and axons. Gold chloride reduces silver compounds, forming visible silver grains and thus enabling the examination of neuron structures under the microscope.

Order-No.:	Amount:	Price:
10207.00100	**100 ml**	**322,69**
10207.00250	**250 ml**	**736,32**
10207.00500	**500 ml**	**1526,27**
10207.01000	**1.000 ml**	**2904,05**
10207.02500	**2.500 ml**	**6699,15**

Goldchloride 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
•

Differentiation / pickling / bluing

Gold chloride solutions are used in histology as reducing agents for staining and visualization of neurons and nerve fibers, especially in silver plating methods. They bind to silver compounds, form visible silver grains and thus enable the examination of neuron structures and connections under the microscope.

Order-No.:	Amount:	Price:
12203.00100	**100 ml**	**535,19**
12203.00250	**250 ml**	**1455,07**
12203.00500	**500 ml**	**3035,65**
12203.01000	**1.000 ml**	**5779,05**

GOLGI Impregnation Solution

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Potassium dichromate
- Mercury(II) chloride
- Potassium chromate

Staining of tissue samples

GOLGI Impregnation Solution is a chemical solution used in histology, in vitro diagnostics and scientific laboratories to visualize nerve cells and their structures. It consists of aqua bidest, potassium dichromate, mercury(II) chloride and potassium chromate. The solution allows detailed analysis of cellular structures and functions, especially in the cellular morphology of nerve cells.

Order-No.:	Amount:	Price:
17503.00100	**100 ml**	**38,20**
17503.00250	**250 ml**	**47,41**
17503.00500	**500 ml**	**79,58**
17503.01000	**1.000 ml**	**153,66**
17503.02500	**2.500 ml**	**319,87**

Gum Mastic, alcoholic

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Ethyl alcohol
•

Heliobacter pylori stain

Mastic, an alcoholic Gum Mastic solution of denatured ethanol and gum arabic, is a key component in staining kits such as Lead Nitrate 1%, GENTA staining and STEINER silver plating. It serves as a binder and carrier, promotes chemical interactions and improves visibility as well as staining of microscopic specimens for optimal analysis of structures.

Order-No.:	Amount:	Price:
16674.00100	**100 ml**	**18,60**
16674.00250	**250 ml**	**22,06**
16674.00500	**500 ml**	**30,35**
16674.01000	**1.000 ml**	**47,16**
16674.02500	**2.500 ml**	**94,47**

Hydrogen Peroxide 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrogen peroxide 30 %

Oxidation of tissue samples. Laboratory reagent.

Hydrogen peroxide 3% is a versatile laboratory chemical used in histology, cytology, materialography and cleaning. It enables oxidation of tissue samples, whitening of structures, creation of oxide layers and destruction of microorganisms by oxidation.

Order-No.:	Amount:	Price:
15838.00100	**100 ml**	**9,36**
15838.00250	**250 ml**	**11,20**
15838.00500	**500 ml**	**14,74**
15838.01000	**1.000 ml**	**18,42**
15838.02500	**2.500 ml**	**33,23**
15838.05000	**5.000 ml**	**43,75**
15838.10000	**10.000 ml**	**83,62**

Hydroquinone 0.15 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydroquinone

Impregnation of fabric cuts

Hydroquinone 0.15% is a crucial component of the developer solution used in the Warthin-Starry silver staining technique for histological examination. It acts as a reducing agent to convert silver nitrate into metallic silver, enabling the differentiation and visualization of target bacteria under a microscope, offering advantages over other reducing agents due to its controlled and selective reduction properties.

Order-No.:	Amount:	Price:
13342.00100	**100 ml**	**12,72**
13342.00250	**250 ml**	**15,18**
13342.00500	**500 ml**	**15,60**
13342.01000	**1.000 ml**	**27,00**

Hydroquinone 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydroquinone
- Sodium sulfite

Impregnation of fabric cuts

Hydroquinone 1% solution is a weak organic compound used in photography as a reducing agent, producing dense black areas. In biology and medicine it serves as an antioxidant and inhibitor of polymerizations and biological oxidations.

Order-No.:	Amount:	Price:
11143.00100	**100 ml**	**15,67**
11143.00250	**250 ml**	**19,16**
11143.00500	**500 ml**	**27,86**
11143.01000	**1.000 ml**	**43,04**

03.1 Silver impregnations

Hydroquinone 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydroquinone

Impregnation of fabric cuts

Hydroquinone 2% is an important component of staining kits such as GENTA and STEINER silvering kit according to CHAPMAN, suitable for in vitro diagnostics. It enables precise identification of microorganisms such as Helicobacter pylori and highlights structures in materialography.

Order-No.:	Amount:	Price:
16662.00100	**100 ml**	**15,72**
16662.00250	**250 ml**	**19,09**
16662.00500	**500 ml**	**25,07**
16662.01000	**1.000 ml**	**35,15**

Hydroquinone 3 %, buffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetate Buffer pH 3.6
- Hydroquinone

Impregnation of fabric cuts

The 3% hydroquinone solution in buffered acetate buffer is used as a reducing agent in photographic developer solutions and histochemical staining to reduce silver compounds to metallic silver and produce sharp, well-differentiated images. Thanks to the acetate buffer at a pH of 3.6, the solution offers advantages in terms of reduction capacity, consistency and stability of results.

Order-No.:	Amount:	Price:
13357.00100	**100 ml**	**24,07**
13357.00250	**250 ml**	**27,43**
13357.00500	**500 ml**	**32,91**
13357.01000	**1.000 ml**	**59,26**

Kit: Developer Solution for WARTHIN-STARRY Silver Staining

Lagerung: *15 … 25 °C*

Components of this kit:
- Gelatine 5 %, Artikel-Nr.:13369
- Hydroquinone 0.15 %, Artikel-Nr.:13342
- Silver Nitrate 1 %, Artikel-Nr.:11180

Impregnation of fabric cuts

The Warthin-Starry Silver Staining Developer Solution Kit enables high sensitivity and specificity in the detection of Helicobacter pylori, spirochetes and other Gram-negative bacteria in thin tissue sections. The gelatin solution, hydroquinone solution and silver nitrate solution together form the staining system that selectively stains the bacteria and enables their identification.

Order-No.:	Amount:	Price:
13324.00100	**100 ml**	**14,27**
13324.00250	**250 ml**	**27,63**
13324.00500	**500 ml**	**48,84**
13324.01000	**1.000 ml**	**93,66**

Kit: Developer Solution für GALLAY's Stain

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- GALLAY's Stain (Stock Solution I), Artikel-Nr.:13118
- GALLAY's Stain (Stock Solution III), Artikel-Nr.:13126
- GALLAY's Stain (Stock Solution II), Artikel-Nr.:13122

Impregnation of fabric cuts

The Gallyas staining kit, consisting of three stock solutions, is an important tool in histological research and diagnostics for the study of neurodegeneration processes such as Alzheimer's disease. The specific composition allows detailed visualization of neurofibril bundles and reveals changes in neuronal morphology.

Order-No.:	Amount:	Price:
14568.00100	**100 ml**	**20,07**
14568.00250	**250 ml**	**22,75**
14568.00500	**500 ml**	**38,58**
14568.01000	**1.000 ml**	**74,11**
14568.02500	**2.500 ml**	**159,45**

Kit: Developer Solution, buffered for WARTHIN-STARRY Silver Staining

Lagerung: *15 … 25 °C*

Components of this kit:
- Silver Nitrate 2 %, buffered, Artikel-Nr.:13349
- Gelatine Solution, buffered, Artikel-Nr.:13353
- Hydroquinone 3 %, buffered, Artikel-Nr.:13357

Impregnation of fabric cuts

The buffered 2% silver nitrate solution is an important component of the developer kit for Warthin-Starry silver staining in microscopy. The solution enables improved staining efficiency and reproducible results by stabilizing the pH and redox potential of the silver ions.

Order-No.:	Amount:	Price:
13361.00100	**100 ml**	**30,84**
13361.00250	**250 ml**	**44,80**
13361.00500	**500 ml**	**82,42**
13361.01000	**1.000 ml**	**159,19**

Kit: FARMER's Reducer

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Potassium Ferrocyanide (III) 5 % (Red Prussiate), Artikel-Nr.:11146
- Sodium Thiosulfate 5 %, Artikel-Nr.:10288

Differentiation / pickling / bluing

The FARMER Attenuator kit consists of potassium ferricyanide and sodium thiosulfate and is used in laboratory applications, especially in photography. It is used to attenuate silver halides and to control the density of films and papers. It is also used in microscopy and histology.

Order-No.:	Amount:	Price:
16769.00100	**100 ml**	**9,77**
16769.00250	**250 ml**	**10,93**
16769.00500	**500 ml**	**17,66**
16769.01000	**1.000 ml**	**35,59**

Kit: Silver Enhancer for BODIAN's Silver Staining

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Silver Nitrate 5 %, Artikel-Nr.:10375
- Silver Booster Stock Solution B, Artikel-Nr.:10378

Impregnation of fabric cuts

The Kit: Silver Enhancer for BODIAN Silver Plating is used in histology and diagnostic laboratories. It combines silver nitrate and stock solution B to selectively visualize protein fibers and highlight details in tissue sections with nerve fibers. This allows improved contrast, easier analysis and more accurate results.

Order-No.:	Amount:	Price:
16893.00100	**100 ml**	**29,09**
16893.00250	**250 ml**	**39,27**
16893.00500	**500 ml**	**47,76**
16893.01000	**1.000 ml**	**91,59**
16893.02500	**2.500 ml**	**199,88**

Kit: Silver Methenamin

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Methenamine 3 %, Artikel-Nr.:11521
- Silver Nitrate 5 %, Artikel-Nr.:10375

Impregnation of fabric cuts

The Gomori silver methenamine kit is a histological staining kit used to selectively highlight cell structures and tissue components, especially basement membranes and fibrils. It contains silver nitrate and methenamine and is widely used for the examination of renal biopsies and diagnosis of glomerulonephritis.

Order-No.:	Amount:	Price:
11797.00100	**100 ml**	**26,15**
11797.00250	**250 ml**	**43,50**
11797.00500	**500 ml**	**57,73**
11797.01000	**1.000 ml**	**78,00**

03.1 Silver impregnations

Kit: Silver Methenamin Borax

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Methenamine 3 %, Artikel-Nr.:11521
- Sodium tetraborate / borax solution 5, Artikel-Nr.:11161
- Aqua bidest., Artikel-Nr.:R00027
- Silver Nitrate 5 %, Artikel-Nr.:10375

Impregnation of fabric cuts

The Silver Methenamine Borax Kit is designed for use in histology and microscopic pathology and enables precise results. It contains all components for effective staining and is suitable for visualizing fine structural details in tissues. The method is particularly valuable in microbiology and pathology for the diagnosis and characterization of infections and diseases.

Order-No.:	Amount:	Price:
12512.00100	**100 ml**	**23,31**
12512.00250	**250 ml**	**31,27**
12512.00500	**500 ml**	**35,21**
12512.01000	**1.000 ml**	**68,10**
12512.02500	**2.500 ml**	**144,88**

Kit: Silver Nitrate 5 % with Ammonia and NaOH

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Silver Nitrate 5 %, Artikel-Nr.:10375
- Sodium Hydroxide / Cautic Soda 40 % (~ 14.3 mol/l), Artikel-Nr.:12666
- Ammonia 25 %, Artikel-Nr.:10135

Impregnation of fabric cuts

Kit: Silver nitrate 5 % ammoniacal (with NaOH) is a component for sophisticated histological staining procedures such as silver impregnation, which depict fine structural details. The main component, silver nitrate, forms a specific complex with ammonia and enables differentiated, high-contrast visualizations. It can be used in a variety of in vitro diagnostic applications.

Order-No.:	Amount:	Price:
16741.00100	**100 ml**	**40,35**
16741.00250	**250 ml**	**70,82**
16741.00500	**500 ml**	**115,72**
16741.01000	**1.000 ml**	**221,05**

Oxalic Acid 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Oxalic acid

Oxidation of tissue samples

The 1% oxalic acid solution is an important component of the Elastica by Miller staining kit and is used in medical, histological and scientific laboratories. It serves as a fixative and bleaching agent in tissue staining, supports the formation of stable color complexes and facilitates the differentiation of tissue structures under the microscope.

Order-No.:	Amount:	Price:
18640.00100	**100 ml**	**12,75**
18640.00250	**250 ml**	**15,26**
18640.00500	**500 ml**	**16,90**
18640.01000	**1.000 ml**	**27,31**
18640.02500	**2.500 ml**	**50,16**

Oxalic Acid 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Oxalic acid

Oxidation of tissue samples. Electrolytic polishing of high-alloy steels.

Oxalic acid 10% is a valuable laboratory resource of oxalic acid and water. It is characterized by versatile chemical properties and is used as a reducing agent, weak acid for calcium quantification and mild oxidizing agent. Its application ranges from organic synthesis to metal analysis.

Order-No.:	Amount:	Price:
16503.00100	**100 ml**	**12,85**
16503.00250	**250 ml**	**14,05**
16503.00500	**500 ml**	**16,82**
16503.01000	**1.000 ml**	**24,15**
16503.02500	**2.500 ml**	**44,42**

Oxalic Acid 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Oxalic acid

Oxidation of tissue samples. Electrolytic polishing of high-alloy steels.

The 2% oxalic acid solution is a diluted form of the dicarboxylic acid oxalic acid, which occurs in plants and can be produced synthetically. It is used in laboratories for decalcification, rust removal, urine sample preservation, in the food industry as an acidity regulator and in the textile industry for bleaching.

Order-No.:	Amount:	Price:
12704.00100	**100 ml**	**16,73**
12704.00250	**250 ml**	**16,80**
12704.00500	**500 ml**	**19,72**
12704.01000	**1.000 ml**	**25,98**
12704.02500	**2.500 ml**	**45,19**

Oxalic Acid 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Oxalic acid

Oxidation of tissue samples. Electrolytic polishing of high-alloy steels.

The 5% oxalic acid solution is used in various fields, such as histology (decalcifier), cleaning (rust and lime removal) and metallography (electrolytic polishing). It etches various alloys and improves the surface quality of metal samples, facilitates analysis and characterization.

Order-No.:	Amount:	Price:
10300.00250	**250 ml**	**15,03**
10300.00500	**500 ml**	**16,81**
10300.01000	**1.000 ml**	**26,40**

Periodic Acid 0.5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Periodic Acid

Oxidation of tissue samples

The 0.5% periodic acid solution is used in histology to perform the periodic acid-Schiff (PAS) reaction to identify polysaccharides, glycogen and glycoproteins in tissue structures. PAS staining produces intense purple or magenta staining, allowing the identification of basement membranes, mucous glands, and carbohydrate-containing structures under the microscope.

Order-No.:	Amount:	Price:
11167.00100	**100 ml**	**20,67**
11167.00250	**250 ml**	**24,16**
11167.00500	**500 ml**	**28,72**
11167.01000	**1.000 ml**	**36,64**
11167.02500	**2.500 ml**	**67,55**

03.1 Silver impregnations

Periodic Acid 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Periodic Acid

Oxidation of tissue samples

Periodic acid 1% solution is an aqueous solution used in histology and histopathology as an oxidizing agent, especially in periodic acid-Schiff (PAS) staining. This method is used to detect glycogen, neutral mucins, basement membranes and polysaccharides in tissues and is important for the diagnosis of various diseases. Care should be taken as the solution is highly oxidizing.

Order-No.:	Amount:	Price:
11415.00100	**100 ml**	**21,03**
11415.00250	**250 ml**	**24,62**
11415.00500	**500 ml**	**35,69**
11415.01000	**1.000 ml**	**44,45**
11415.02500	**2.500 ml**	**84,21**

Periodic Acid 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Periodic Acid

Oxidation of tissue samples

Periodic acid 2% solution is mainly used in in vitro diagnostics, histology and scientific laboratories. As a strong oxidizing agent, it promotes the binding ability of tissues to stains and improves the visualization of structures and cellular components, especially glycogen and mucopolysaccharides. This supports the differentiation and analysis of histological specimens.

Order-No.:	Amount:	Price:
18652.00100	**100 ml**	**20,07**
18652.00250	**250 ml**	**24,93**
18652.00500	**500 ml**	**39,79**
18652.01000	**1.000 ml**	**49,26**
18652.02500	**2.500 ml**	**95,01**

Periodic Acid 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Periodic Acid

Oxidation of tissue samples

Periodic acid 3% is an aqueous solution used in histology and cytology. It serves as a strong oxidizing agent and can oxidize complex carbohydrates and glycoproteins. A major application is the periodic acid-Schiffs (PAS) reaction, which visualizes carbohydrate-containing structures in tissue specimens and aids in the diagnosis of disease and research of tissue organization and structure.

Order-No.:	Amount:	Price:
11839.00100	**100 ml**	**25,41**
11839.00250	**250 ml**	**27,49**
11839.00500	**500 ml**	**30,00**
11839.01000	**1.000 ml**	**55,24**
11839.02500	**2.500 ml**	**111,27**

Periodic Acid 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Periodic Acid

Oxidation of tissue samples

Periodic acid 5% is an oxidizing agent for the conversion of aldehydes into carboxylic acids and glycols into diketones and for the determination of reducing sugars. Its high oxidizing power is due to the formation of iodine(V) compounds. Their selectivity and control make them a valuable reagent in organic synthesis and analysis.

Order-No.:	Amount:	Price:
13135.00100	**100 ml**	**25,21**
13135.00250	**250 ml**	**30,72**
13135.00500	**500 ml**	**39,75**
13135.01000	**1.000 ml**	**72,42**
13135.02500	**2.500 ml**	**149,43**

Potassium Metabisulfite 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium disulfite

Antioxidant, reducing agent

Potassium metabisulfite 10% is an aqueous solution used as an antioxidant in histology, in vitro diagnostics and scientific laboratories. It prevents oxidation reactions, preserves native structures and conserves biological samples. Main application is its antioxidant effect in various scientific and diagnostic fields.

Order-No.:	Amount:	Price:
18742.00100	**100 ml**	**16,64**
18742.00250	**250 ml**	**21,75**
18742.00500	**500 ml**	**36,74**
18742.01000	**1.000 ml**	**45,77**
18742.02500	**2.500 ml**	**89,39**

Potassium Metabisulfite 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium disulfite

Differentiation / pickling / bluing

In histology, a 2% potassium metabisulfite solution is used as a reducing agent to remove excess silver nitrate in staining methods such as Gomori trichrome staining or silver impregnation. This improves the clarity and contrast of microscopic images and facilitates the analysis of tissue structures. The concentration varies depending on the staining method and protocol.

Order-No.:	Amount:	Price:
11149.00100	**100 ml**	**11,70**
11149.00250	**250 ml**	**17,08**
11149.00500	**500 ml**	**24,02**
11149.01000	**1.000 ml**	**30,86**

Potassium Metabisulfite 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium disulfite

Differentiation / pickling / bluing

Potassium metabisulfite 3 % is a versatile solution used in food industry, chemical analysis and environmental science. It acts as an antioxidant, preservative and reducing agent and consists of 3% potassium disulfite in distilled water. The solution prevents unwanted oxidation processes and can be used to reduce chromate or dichromate ions.

Order-No.:	Amount:	Price:
13569.00250	**250 ml**	**16,23**
13569.00500	**500 ml**	**23,29**
13569.01000	**1.000 ml**	**31,19**

03.1 Silver impregnations

Potassium metabisulphite 0,5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Potassium disulfite

differentiation / blueing / etching of stainings

Ready-to-use solution Potassium metabisulphite 0,5 % for use in histology or zytology for differentiation / blueing / etching of stainings

Order-No.:	Amount:	Price:
19330.00100	**100 ml**	**10,25**
19330.00250	**250 ml**	**15,25**
19330.00500	**500 ml**	**20,22**
19330.01000	**1.000 ml**	**27,29**
19330.02500	**2.500 ml**	**50,11**

Potassium Permanganate ~ 1 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Potassium permanganate

Oxidation of tissue samples

Potassium permanganate 1% solution is used in histology as an oxidizing agent and staining reagent. It has a lower oxidizing power and is therefore suitable for sensitive applications such as decolorization of tissue sections. The solution also provides improved contrast in electron microscopy and is used in water treatment and disinfection.

Order-No.:	Amount:	Price:
13309.00100	**100 ml**	**14,16**
13309.00250	**250 ml**	**15,72**
13309.00500	**500 ml**	**21,70**
13309.01000	**1.000 ml**	**29,16**
13309.02500	**2.500 ml**	**54,45**

Potassium Permanganate 0.2 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Potassium permanganate

Oxidation of tissue samples

Potassium permanganate 0.5% is a solution used in histology and scientific applications as an oxidizing agent for staining cellular components and removing previous stains.

Order-No.:	Amount:	Price:
14409.00250	**250 ml**	**16,81**
14409.00500	**500 ml**	**25,48**
14409.01000	**1.000 ml**	**33,52**

Potassium Permanganate 0.25 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Potassium permanganate

Oxidation of tissue samples

Potassium permanganate 0.5% is a solution used in histology and other scientific applications. As a strong oxidizing agent, it is used in dilute solutions as a staining solution and for oxidation of cell components, as in Argentaffin cells. It can also be used as a bleaching agent.

Order-No.:	Amount:	Price:
14502.00100	**100 ml**	**13,99**
14502.00250	**250 ml**	**17,73**
14502.00500	**500 ml**	**24,09**
14502.01000	**1.000 ml**	**29,70**
14502.02500	**2.500 ml**	**52,22**

Potassium Permanganate 0.5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Potassium permanganate

Oxidation of tissue samples

Potassium permanganate 0.5% is a solution used in histology and other scientific applications. As a strong oxidizing agent, it serves as a staining solution in dilute solutions and is used to stain cell components, Argentaffin cells and as a bleaching agent.

Order-No.:	Amount:	Price:
11152.00100	**100 ml**	**14,05**
11152.00250	**250 ml**	**16,64**
11152.00500	**500 ml**	**22,62**
11152.01000	**1.000 ml**	**29,08**

Potassium Permanganate 2 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Potassium permanganate

Oxidation of tissue samples

Potassium permanganate 0.5% is a solution used in histology and other scientific applications to stain cellular components. It is a strong oxidizing agent that can also be used as a bleaching agent to reduce non-specific staining.

Order-No.:	Amount:	Price:
11803.00250	**250 ml**	**16,39**
11803.00500	**500 ml**	**18,41**
11803.01000	**1.000 ml**	**31,85**

Potassium Permanganate 5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Potassium permanganate

Oxidation of tissue samples

Potassium permanganate is a strong oxidizing agent with applications in chemistry, biology, water treatment and medicine. It is used for decolorization in histology, cleaning and disinfection of skin and wounds, and oxidation and removal of iron, manganese and organic compounds in water treatment. Safety precautions, such as gloves and safety glasses, are recommended.

Order-No.:	Amount:	Price:
18130.00100	**100 ml**	**14,94**
18130.00250	**250 ml**	**18,01**
18130.00500	**500 ml**	**29,26**
18130.01000	**1.000 ml**	**38,31**
18130.02500	**2.500 ml**	**75,99**
18130.20000	**20.000 ml**	**541,69**
18130.25000	**25.000 ml**	**632,88**

Semicarbazid Solution 0.5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- semicarbazide hydrochloride

Pretreatment for silver plating

The 0.5% semicarbazide solution is important for scientific laboratories and histology. It consists of semicarbazide hydrochloride in water and is used as a complexing agent for silvering and a component of staining kits. It enables sharp, high-contrast images and detailed analysis.

Order-No.:	Amount:	Price:
17263.00100	**100 ml**	**19,34**
17263.00250	**250 ml**	**28,17**
17263.00500	**500 ml**	**34,87**
17263.01000	**1.000 ml**	**59,26**
17263.02500	**2.500 ml**	**121,12**

03.1 Silver impregnations

Silver Booster Stock Solution B

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydroquinone
- Citric acid

Impregnation of fabric cuts

Silver Enhancer Stock Solution B is an important component of the silver enhancement process used in histology and microscopy. It uses silver ions to make small particles visible in microscopic specimens. The composition varies depending on the protocol and often includes silver salts such as silver nitrate.

Order-No.:	Amount:	Price:
10378.00250	**250 ml**	**17,86**
10378.00500	**500 ml**	**22,56**
10378.01000	**1.000 ml**	**37,83**

Silver nitrate ~10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Silver Nitrate

Impregnation, etching

Silver nitrate ~10% is a solution used in medicine and science, especially for impregnation of tissue sections in histology and cytology. Due to its chemical properties, it also enables effective etching of various materials, including lead and copper alloys, for detailed analysis and research.

Order-No.:	Amount:	Price:
11186.00100	**100 ml**	**114,61**
11186.00250	**250 ml**	**126,45**
11186.00500	**500 ml**	**239,67**
11186.01000	**1.000 ml**	**456,79**
11186.02500	**2.500 ml**	**1045,26**

Silver nitrate ~20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Silver Nitrate

Impregnation, etching

The 20% silver nitrate solution, consisting of silver nitrate and ultrapure water, is used in in vitro diagnostics. It enables staining and visualization of cellular structures by binding to tissue and cell structures. In addition, it is used as an etchant in metallography.

Order-No.:	Amount:	Price:
15972.00100	**100 ml**	**159,42**
15972.00250	**250 ml**	**224,77**
15972.00500	**500 ml**	**452,91**
15972.01000	**1.000 ml**	**867,57**
15972.02500	**2.500 ml**	**2008,98**

Silver Nitrate 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Silver Nitrate

Impregnation, etching

Silver nitrate 1% is a dilute solution used in histology, microbiology and metallography. It is used to stain nerve cells, fiber structures, bacterial cells, and to examine metallic structures such as grain boundaries and microstructures. Adjustments of reaction conditions are required for optimal results.

Order-No.:	Amount:	Price:
11180.00100	**100 ml**	**26,38**
11180.00250	**250 ml**	**33,81**
11180.00500	**500 ml**	**45,44**
11180.01000	**1.000 ml**	**80,47**

Silver Nitrate 1 %, buffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetate Buffer pH 3.6
- Silver Nitrate

Impregnation of fabric cuts

The 1% silver nitrate solution in acetate buffer is used in microscopy for Warthin-Starry staining of spirochaetes and Bacillus piliformis. The buffer increases the stability and reproducibility of the staining by minimizing pH fluctuations and optimizing the redox potential of the silver ions.

Order-No.:	Amount:	Price:
13345.00100	**100 ml**	**21,13**
13345.00250	**250 ml**	**46,40**
13345.00500	**500 ml**	**66,41**
13345.01000	**1.000 ml**	**119,91**

Silver Nitrate 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Silver Nitrate

Impregnation of fabric cuts

Silver nitrate 2% is a dilute solution used in histology for staining nerve cells and fiber structures. It is also used in microbiology for the study of bacteria and in metallography for the analysis of metallic structures.

Order-No.:	Amount:	Price:
11183.00100	**100 ml**	**32,03**
11183.00250	**250 ml**	**38,39**
11183.00500	**500 ml**	**63,80**
11183.01000	**1.000 ml**	**116,32**

Silver Nitrate 2 %, buffered

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetate Buffer pH 3.6
- Silver Nitrate

Impregnation of fabric cuts

Silver nitrate 2 %, buffered, is an important ingredient in histology and microbiology. It is used for Warthin-Starry silver staining and offers a higher concentration for more intense and sensitive staining, as well as higher reproducibility and better results compared to other silver nitrate solutions. The application enables more accurate identification of target structures and facilitates the diagnosis of infectious diseases.

Order-No.:	Amount:	Price:
13349.00100	**100 ml**	**52,25**
13349.00250	**250 ml**	**65,87**
13349.00500	**500 ml**	**111,54**
13349.01000	**1.000 ml**	**207,99**

Silver Nitrate 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Silver Nitrate

Impregnation, etching

Silver nitrate 3% in liquid solution acts by silver ions forming elemental silver on contact with organic material or metals. This redox reaction is used in histological, medical impregnation processes and metallography to visualize fine structures through silver deposits and their particular coloration. This is crucial for medical diagnostics and metallographic examinations.

Order-No.:	Amount:	Price:
16013.00100	**100 ml**	**38,24**
16013.00250	**250 ml**	**45,36**
16013.00500	**500 ml**	**89,07**
16013.01000	**1.000 ml**	**152,64**
16013.02500	**2.500 ml**	**329,44**

03.1 Silver impregnations

Silver Nitrate 5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Silver Nitrate

Impregnation, etching

Silver nitrate 5% is an aqueous solution used in histology, cytology and metallography. It is used for staining nerve fibers, reticulum fibers, bacteria and basement membranes in tissue specimens, as well as for the examination of metallic structures and electrolyte layers. The application requires precise control of staining conditions and reaction parameters.

Order-No.:	Amount:	Price:
10375.00100	**100 ml**	**56,85**
10375.00250	**250 ml**	**95,20**
10375.00500	**500 ml**	**167,25**
10375.01000	**1.000 ml**	**315,10**
10375.02500	**2.500 ml**	**708,62**

Silver Nitrate 99,9 %, p.a.

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Silver Nitrate

Raw material for various applications

Silver nitrate 99.9% plays an important role in science and technology, including chemistry, medicine and histology. The high purity ensures consistency and reliability and enables applications such as silver staining and medical diagnostics.

Order-No.:	Amount:	Price:
14020.F0010	**10 g**	**60,93**
14020.F0025	**25 g**	**79,74**
14020.F0050	**50 g**	**155,81**
14020.F0100	**100 g**	**293,39**
14020.F0250	**250 g**	**674,57**
14020.F1000	**1.000 g**	**2609,91**

Sodium Thiosulfate 0,25 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium thiosulfate • 5 H_2O
- Aqua dest. / pure water

Differentiation / staining / bluing/ fixing

Sodium thiosulfate 0.25% is a chemical solution used in histology and in vitro diagnostics. It is particularly useful for removing residual mercury dichloride from tissue sections, improving histological staining and making fine tissue details more visible. In addition, it serves as a reducing agent in scientific laboratories.

Order-No.:	Amount:	Price:
10183.00100	**100 ml**	**11,10**
10183.00250	**250 ml**	**12,70**
10183.00500	**500 ml**	**16,52**
10183.01000	**1.000 ml**	**18,78**
10183.02500	**2.500 ml**	**31,51**

Sodium Thiosulfate 1 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium thiosulfate • 5 H_2O

Differentiation / staining / bluing/ fixing

Sodium thiosulfate 1% is an aqueous solution used in histology and cytology as a reducing agent. It is used for reduction of dyes, removal of excess dye from tissue sections and in silver staining. Its mild reducing power preserves cell structures and tissue morphology.

Order-No.:	Amount:	Price:
11155.00100	**100 ml**	**11,18**
11155.00250	**250 ml**	**12,91**
11155.00500	**500 ml**	**17,21**
11155.01000	**1.000 ml**	**19,64**

Sodium Thiosulfate 10 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium thiosulfate • 5 H_2O

Differentiation / staining / bluing/ fixing

Sodium thiosulfate 10% is a high quality solution for analytical and diagnostic laboratory procedures, especially for quantitative determinations and stability studies. It is based on sodium thiosulfate 5-hydrate and enables applications in various fields, such as iodometry and biology. The solution improves the effectiveness and reliability of laboratory procedures and increases data quality.

Order-No.:	Amount:	Price:
16779.00100	**100 ml**	**13,11**
16779.00250	**250 ml**	**15,79**
16779.00500	**500 ml**	**26,40**
16779.01000	**1.000 ml**	**31,13**
16779.02500	**2.500 ml**	**59,30**

Sodium Thiosulfate 2 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium thiosulfate • 5 H_2O

Differentiation / pickling / bluing

The 2% sodium thiosulfate solution is an aqueous, yellowish solution used in various applications. As a reducing agent, it is used in histology, cytology, photography, medical applications and aquaristics. It removes excess silver nitrate, stabilizes images, neutralizes cyanide poisoning and makes water safer for fish and plants.

Order-No.:	Amount:	Price:
11158.00100	**100 ml**	**12,21**
11158.00250	**250 ml**	**13,20**
11158.00500	**500 ml**	**18,13**
11158.01000	**1.000 ml**	**20,79**

Sodium Thiosulfate 20 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium thiosulfate • 5 H_2O

Differentiation / staining / bluing/ fixing

Sodium thiosulfate 20 % is a concentrated solution used in histology and cytology as a reducing agent. It is used in staining protocols, such as reducing dyes or removing unbound dyes from tissue sections. Its use in silver staining to visualize structures such as nerve fibers or bacteria is particularly widespread.

Order-No.:	Amount:	Price:
15614.00100	**100 ml**	**11,67**
15614.00250	**250 ml**	**17,86**
15614.00500	**500 ml**	**24,37**
15614.01000	**1.000 ml**	**45,05**
15614.02500	**2.500 ml**	**93,15**

Sodium Thiosulfate 3 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium thiosulfate • 5 H_2O

Differentiation / pickling / bluing

Sodium thiosulfate is a chemical compound used in various fields such as histology, metallography and photography. It serves as a fixative, reducing agent and antioxidant, and in medicine it is an antidote against cyanide poisoning.

Order-No.:	Amount:	Price:
12028.00250	**250 ml**	**13,49**
12028.00500	**500 ml**	**19,06**
12028.01000	**1.000 ml**	**21,95**
12028.02500	**2.500 ml**	**38,65**

03.1 Silver impregnations

Sodium Thiosulfate 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium thiosulfate • 5 H_2O

Differentiation / pickling / bluing/ fixing

Sodium thiosulfate 5% is an important in vitro diagnostic agent in various staining kits and improves the specificity of the staining as well as the contrast of the target structures. It acts as a reducing agent, removes excess silver ions and stabilizes the staining in multicolor staining kits such as MOVAT Pentachrome.

Order-No.:	Amount:	Price:
10288.00100	**100 ml**	**11,60**
10288.00250	**250 ml**	**13,19**
10288.00500	**500 ml**	**15,88**
10288.01000	**1.000 ml**	**23,54**
10288.02500	**2.500 ml**	**43,49**

Boric Acid Indicator

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- TASHIRO-Indicator (pH 4.4 - 6.2)
- Boric acid 99,5% ph.Eur.

pH detection by color change (indicator solution)

The boric acid indicator solution is used in analytical chemistry and biochemistry as a pH indicator. It consists of boric acid and Tashiro indicator, is sensitive to pH changes and allows accurate determinations in solutions and experiments.

Order-No.:	Amount:	Price:
13962.00100	**100 ml**	**12,84**
13962.00250	**250 ml**	**15,51**
13962.00500	**500 ml**	**21,02**
13962.01000	**1.000 ml**	**28,31**
13962.02500	**2.500 ml**	**52,47**

Bromcresol Green 0.1 %, in Ethanol 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis(2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt

pH detection by color change (indicator solution)

Bromocresol Green 0.1% in Ethanol 20% is an indicator solution used for pH detection by color change. The triphenylmethane dye changes color in the medium pH range and is therefore suitable as a pH indicator. In alkaline environment the solution becomes blue, in acidic yellow. It is used in chemical, biological and medical fields for measuring and monitoring pH values.

Order-No.:	Amount:	Price:
16182.00100	**100 ml**	**17,31**
16182.00250	**250 ml**	**21,17**
16182.00500	**500 ml**	**31,80**
16182.01000	**1.000 ml**	**50,97**

Bromthymol blue 0.04 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethanol
- Bromothymol Blue sodium salt

pH detection by color change (indicator solution)

Bromothymol blue solution 0.04% is mainly used in medical diagnostics and histology. It consists of bromothymol blue, a pH indicator, and ethanol as a solvent. The solution changes color according to pH, which is useful for determining the pH of solutions in laboratories and distinguishing cell types in histology.

Order-No.:	Amount:	Price:
17515.00100	**100 ml**	**20,56**
17515.00250	**250 ml**	**30,53**
17515.00500	**500 ml**	**46,74**
17515.01000	**1.000 ml**	**88,39**
17515.02500	**2.500 ml**	**191,42**

Indicating Solution pH 3.8 - 5.4 (Bromocresol Green)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Phenol, 4,4'-(3H-1,2-benzoxathiol-3-ylidene)bis(2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt

pH detection by color change (indicator solution)

Bromocresol green is a widely used indicator solvent in chemical analysis and teaching, especially in the titration of acids and bases. It is particularly suitable for applications where accurate determination of pH values in an acidic environment is required. The color change at different pH values allows direct visualization of pH changes.

Order-No.:	Amount:	Price:
13656.00100	**100 ml**	**17,27**
13656.00250	**250 ml**	**28,25**
13656.00500	**500 ml**	**41,96**
13656.01000	**1.000 ml**	**79,28**

Indicating Solution pH 4.2 - 6.3 (Methyl Red)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Methyl red (C.I.: 13020)

pH detection by color change (indicator solution)

Methylrot is a precise indicator solution for determining pH value in a range of applications, particularly in areas where a pH range of 4.2 to 6.3 is relevant. Its chemical properties enable it to undergo a color change from red to yellow during the transition between acidic and less acidic environments, making it a reliable and precise tool.

Order-No.:	Amount:	Price:
13660.00100	**100 ml**	**12,53**
13660.00250	**250 ml**	**14,36**
13660.00500	**500 ml**	**20,87**
13660.01000	**1.000 ml**	**39,12**

Indicating Solution pH 5.2 - 6.8 (Bromcresol Purpur)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- bromocresol purple

pH detection by color change (indicator solution)

Bromocresol purple in ethanol is a pH indicator useful in applications where the use of water-based indicators is unsuitable. It allows quick and easy determination of pH and is widely used in medical diagnostics and life sciences.

Order-No.:	Amount:	Price:
13799.00100	**100 ml**	**16,48**
13799.00250	**250 ml**	**25,98**
13799.00500	**500 ml**	**37,19**
13799.01000	**1.000 ml**	**70,20**
13799.02500	**2.500 ml**	**149,34**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

03.2 Indicator solutions

Product	Description	Order Information		
Indicator solution pH 5.0 - pH 8.0 (bromothymol blue) **Lagerung:** *15 … 25 °C* Relevant Incredients: • Ethyl alcohol • Methyl red (C.I.: 13020) • Bromothymol Blue sodium salt	**pH detection by color change (indicator solution)** Indicator solution with bromothymol blue and methyl red is widely used in acid-base titration because they detect pH changes and allow direct pH determination. The solution responds to changes in pH and changes color depending on the acid-base environment.	Order-No.: 13652.00100 13652.00250 13652.00500 13652.01000	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml**	Price: **21,95** **33,44** **46,65** **89,01**
Indicator solution pH 6.8 - 8.4 (phenol red) **Lagerung:** *15 … 25 °C* Relevant Incredients: • Ethyl alcohol • 3,3-bis-<4-hydroxy-phenyl>-3H-benz<c><1,2>oxathiol -1,1-dioxide	**pH detection by color change (indicator solution)** Phenol red is a weak acid-base indicator with the ability to show distinct color changes in the pH range of 6.8 to 8.4. Its use extends to biological and medical research as well as various chemical processes. The distinctive color change enables fast and accurate determination of pH in various applications.	Order-No.: 13664.00100 13664.00250 13664.00500 13664.01000	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml**	Price: **14,03** **18,94** **22,39** **42,02**
Magneson according to MANN (dolomite detection) **Lagerung:** *15 … 25 °C* Relevant Incredients: • Sodium hydroxide • Azo violet	**Dolomite detection in carbonates** Magneson according to MANN is a ready-to-use solution for the detection of dolomite in fields such as histology, cytology, materialography and geology. The solution contains distilled aqua, sodium hydroxide and magneson, the latter acting as a pH indicator. A color change to blue within 30 seconds indicates the presence of dolomite or magnesite.	Order-No.: 18455.00100 18455.00250 18455.00500 18455.01000 18455.02500	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	Price: **15,45** **23,03** **39,22** **58,39** **122,04**
Methyl orange 0,1 %, aqueous **Lagerung:** *15 … 25 °C* Relevant Incredients: • Methyl orange (C.I.: 13025) • Aqua dest. / pure water	**pH detection by color change (indicator solution)** Methyl orange 0.1%, aqueous is a solution used in medical diagnostics, histology and scientific laboratories. As an azo dye and pH indicator, it shows color changes when pH changes between acidic and basic states. It is used to distinguish acidic tissue components and in titration experiments to determine pH values.	Order-No.: 18702.00100 18702.00250 18702.00500 18702.01000	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml**	Price: **12,92** **15,75** **21,78** **29,27**
Phenolphthalein for Carbonate Test **Lagerung:** *15 … 25 °C* Relevant Incredients: • Ethyl alcohol • 3,3-bis-(4-hydroxy-phenyl)-3H-isobenzofuran-1-one (C.I.: 764)	**Checking the depth of carbonation in concrete** Phenolphthalein is used in construction chemistry laboratories and concrete testing stations to determine the depth of carbonation in concrete. It serves as an indicator of the durability and safety of concrete structures. Through color changes, it allows the visual identification of the carbonation front and supports the testing and evaluation of concrete structures with regard to their condition and possible remedial measures.	Order-No.: 15718.00100 15718.00250 15718.00500 15718.01000 15718.02500 15718.05000	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml** **5.000 ml**	Price: **13,73** **18,08** **29,11** **38,57** **76,21** **133,33**
Phenolphthalein Indication Solution **Lagerung:** *15 … 25 °C* Relevant Incredients: • Ethanol • 3,3-bis-(4-hydroxy-phenyl)-3H-isobenzofuran-1-one (C.I.: 764)	**pH detection by color change (indicator solution)** Phenolphthalein indicator solution is used in chemistry and biochemistry for pH determination, especially in titration procedures. It is colorless in acidic medium and pink in alkaline medium, thus serving as a visual pH indicator.	Order-No.: 14297.00020 14297.00100 14297.00250 14297.00500 14297.01000	Amount: **20 ml** **100 ml** **250 ml** **500 ml** **1.000 ml**	Price: **13,94** **22,26** **29,37** **55,31** **114,91**
TASHIRO-Indicator (pH 4.4 - 6.2) **Lagerung:** *15 … 25 °C* Relevant Incredients: • Ethyl alcohol • Methyl Blue (C.I.: 42780) • Methyl red (C.I.: 13020)	**pH detection by color change (indicator solution)** The Tashiro indicator is a pH indicator solution for the range 4.4-6.2 used in chemistry, life sciences and medical diagnostics. The solution is based on methyl blue and methyl red and allows accurate color changes depending on pH.	Order-No.: 13977.00100 13977.00250 13977.00500 13977.01000 13977.02500	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	Price: **13,49** **17,37** **20,66** **35,76** **69,70**

03.3 Detecting reagents

BIURET's Reagence

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Kaliumnatriumtartrat Tetrahydrat
- Kupfer(II)sulfat Pentahydrat
- Potassium iodide
- Sodium hydroxide

Detection of urea, soluble Peptides and proteins

BIURET reagent is a solution for quantitative determination of protein, peptides and urea in samples. It is used in various scientific fields and enables simple, fast and reliable analysis by spectrophotometric methods.

Order-No.:	Amount:	Price:
14122.00100	**100 ml**	**22,33**
14122.00250	**250 ml**	**26,37**
14122.00500	**500 ml**	**30,07**
14122.01000	**1.000 ml**	**57,07**
14122.02500	**2.500 ml**	**115,92**

Colloidal Iron Solution (Stock Solution) after MUELLER

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 29 %

Iron detection

The colloidal iron solution according to Müller, consisting of iron(III) chloride in water, is used in histology for staining special cell structures such as mucin. The solution has an important role in medical diagnostics due to its high specific affinity for binding to certain biochemical compounds.

Order-No.:	Amount:	Price:
13674.00100	**100 ml**	**26,68**
13674.00250	**250 ml**	**35,04**
13674.00500	**500 ml**	**44,36**
13674.01000	**1.000 ml**	**57,99**

Colloidal Iron Solution (Working Solution) after MUELLER

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Colloidal Iron Solution (Stock Solution) after MUELLER
- Acetic acid 99%

Staining of tissue samples

Colloidal iron solution is used in histology and medical diagnostics to stain mucins and acidic polysaccharides. The interaction of colloidal iron with acidic groups results in visible staining and is used in the examination of digestive tract tissues, cancer diagnosis and analysis of cell cultures.

Order-No.:	Amount:	Price:
13678.00100	**100 ml**	**46,37**
13678.00250	**250 ml**	**50,19**
13678.00500	**500 ml**	**59,60**
13678.01000	**1.000 ml**	**80,85**

Colloidal Iron Solution after RHINEHART & ABU'L HAJ (Stock Solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %
- Glycerol
- Ammonium hydroxide 25%

Detection of mucopolysaccharides

The colloidal iron solution is used as histological detection for acid mucopolysaccharides and is used in medical diagnostics and life sciences for visualization of acid mucopolysaccharides in tissue samples. It has high sensitivity and specificity and consists of iron(III) chloride, glycerol, ammonia and dialysis tubing.

Order-No.:	Amount:	Price:
13707.00100	**100 ml**	**24,45**
13707.00250	**250 ml**	**43,15**
13707.00500	**500 ml**	**45,75**
13707.01000	**1.000 ml**	**94,19**
13707.02500	**2.500 ml**	**205,64**

Creatinine Standard 10 mg/l

Lagerung: *Bei 4°C*

Relevant Incredients:
- Hydrochloric acid 37 %
- Creatinine

Determination of the creatine content

The Creatinine Standard 10 mg/l solution consists of aqua dist./VE water, fuming hydrochloric acid and creatinine and serves as a reference substance in chemical laboratories. It enables precise analyses of creatinine, an important indicator of kidney function, and supports the assessment of kidney function with accurate readings.

Order-No.:	Amount:	Price:
18340.00100	**100 ml**	**22,22**
18340.00250	**250 ml**	**28,26**
18340.00500	**500 ml**	**39,61**
18340.01000	**1.000 ml**	**65,27**
18340.02500	**2.500 ml**	**111,20**

Creatinine Standard 140 mg/l

Lagerung: *Bei 4°C*

Relevant Incredients:
- Hydrochloric acid 37 %
- Creatinine

Determination of the creatine content

Creatinine Standard 5 mg/l solution is a reference substance used in chemical laboratories for the precise analysis of creatinine, an indicator of kidney function. It consists of distilled aqua/VE water, hydrochloric acid and creatinine and is a component of staining kits.

Order-No.:	Amount:	Price:
18344.00100	**100 ml**	**22,30**
18344.00250	**250 ml**	**28,50**
18344.00500	**500 ml**	**40,36**
18344.01000	**1.000 ml**	**66,43**
18344.02500	**2.500 ml**	**113,51**

Creatinine Standard 200 mg/l

Lagerung: *Bei 4°C*

Relevant Incredients:
- Hydrochloric acid 37 %
- Creatinine

Determination of the creatine content

Creatinine Standard 5 mg/l solution is used as a reference substance in chemical laboratories and enables precise analysis of creatinine, an indicator of kidney function. The solution consists of aqua dist./VE water, hydrochloric acid and creatinine, with hydrochloric acid contributing to acid-base neutralization.

Order-No.:	Amount:	Price:
18345.00100	**100 ml**	**22,34**
18345.00250	**250 ml**	**28,61**
18345.00500	**500 ml**	**40,71**
18345.01000	**1.000 ml**	**66,97**
18345.02500	**2.500 ml**	**114,58**

Creatinine Standard 30 mg/l

Lagerung: *Bei 4°C*

Relevant Incredients:
- Hydrochloric acid 37 %
- Creatinine

Determination of the creatine content

Creatinine Standard 30 mg/l solution is used as a reference substance in chemical laboratories and enables precise analysis of creatinine, an indicator of kidney function. The solution consists of aqua dist./VE water, hydrochloric acid and creatinine and is used in staining kits.

Order-No.:	Amount:	Price:
18341.00100	**100 ml**	**22,23**
18341.00250	**250 ml**	**28,29**
18341.00500	**500 ml**	**39,72**
18341.01000	**1.000 ml**	**65,45**
18341.02500	**2.500 ml**	**111,56**

03.3 Detecting reagents

Creatinine Standard 5 mg/l

Lagerung: *Bei 4°C*

Relevant Incredients:
- Hydrochloric acid 37 %
- Creatinine

Determination of the creatine content

Creatinine Standard 5 mg/l solution is a reference substance in chemical laboratories that enables precise quantitative analysis of creatinine, an important indicator of kidney function. The solution consists of distilled aqua/VE water, hydrochloric acid and creatinine and is used in staining kits to obtain accurate readings for the assessment of renal function.

Order-No.:	Amount:	Price:
18339.00100	**100 ml**	**22,21**
18339.00250	**250 ml**	**28,25**
18339.00500	**500 ml**	**39,58**
18339.01000	**1.000 ml**	**65,22**
18339.02500	**2.500 ml**	**111,11**

Creatinine Standard 60 mg/l

Lagerung: *Bei 4°C*

Relevant Incredients:
- Hydrochloric acid 37 %
- Creatinine

Determination of the creatine content

Creatinine Standard 5 mg/l solution is a reference substance in chemical laboratories consisting of aqua dist./VE water, hydrochloric acid and creatinine. It enables precise quantitative analyses of creatinine, an important indicator of kidney function, and is a component of staining kits. The solution supports accurate readings for the assessment of kidney function.

Order-No.:	Amount:	Price:
18346.00100	**100 ml**	**22,25**
18346.00250	**250 ml**	**28,35**
18346.00500	**500 ml**	**39,90**
18346.01000	**1.000 ml**	**65,72**
18346.02500	**2.500 ml**	**112,09**

Creatinine Standard 90 mg/l

Lagerung: *Bei 4°C*

Relevant Incredients:
- Hydrochloric acid 37 %
- Creatinine

Determination of the creatine content

Creatinine Standard 5 mg/l solution is a reference substance in chemical laboratories, consisting of distilled aqua /VE water, hydrochloric acid and creatinine. It is used in staining kits to allow accurate analysis of creatinine, a renal function indicator. Hydrochloric acid promotes the ionic form of creatinine, which is needed for spectrophotometric or titrimetric measurements.

Order-No.:	Amount:	Price:
18343.00100	**100 ml**	**22,27**
18343.00250	**250 ml**	**28,41**
18343.00500	**500 ml**	**40,07**
18343.01000	**1.000 ml**	**65,98**
18343.02500	**2.500 ml**	**112,62**

HALE's Solution (Iron(III) Chloride)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %

Differentiation / pickling / bluing

HALE solution, an iron(III) chloride solution, is used in histology to visualize sulfate mucins in histological sections. Treatment with HALE solution makes mucins visible and allows them to be assessed for histological examinations.

Order-No.:	Amount:	Price:
12711.00100	**100 ml**	**12,69**
12711.00250	**250 ml**	**15,08**
12711.00500	**500 ml**	**19,66**
12711.01000	**1.000 ml**	**26,58**
12711.02500	**2.500 ml**	**48,47**

Hydrochloric Acid 10 % for Iron Detection

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric acid 37 %

Differentiation / pickling / bluing

Hydrochloric acid (HCl) 10% is a chemical solution used in histological and histopathological examinations to detect iron in tissue samples. In combination with Berlinerblau staining, it helps to release ferric ions and produce the characteristic Berlinerblau pigment. High purity hydrochloric acid is important to avoid false positive metal detections.

Order-No.:	Amount:	Price:
11788.00100	**100 ml**	**34,91**
11788.00250	**250 ml**	**38,58**
11788.00500	**500 ml**	**58,52**
11788.01000	**1.000 ml**	**108,47**

Hydrochloric Acid 5 % for Iron Detection

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric acid 37 %

Differentiation / pickling / bluing

Hydrochloric acid (HCl) 5% is a chemical solution used in histological and histopathological examinations to detect iron in tissue samples. In combination with Berlinerblau staining, it helps to release iron(III) ions and form the characteristic Berlinerblau pigment. The lower concentration is advantageous for preserving delicate structures and better preserving tissue morphology.

Order-No.:	Amount:	Price:
11632.00100	**100 ml**	**24,49**
11632.00250	**250 ml**	**27,45**
11632.00500	**500 ml**	**36,73**
11632.01000	**1.000 ml**	**68,17**
11632.02500	**2.500 ml**	**142,41**
11632.60000	**60.000 ml**	**3509,60**

Hydrochloric Acid 5 % for Iron Detection

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric acid 37 %

Differentiation / pickling / bluing

Hydrochloric acid for iron detection reaction 2% as in vitro diagnostic agent is developed for histological staining of biological samples. It enables the detection of iron deposition in tissues by the formation of Berlin blue and is significant in medical diagnostics and life science research.

Order-No.:	Amount:	Price:
15405.00100	**100 ml**	**18,85**
15405.00250	**250 ml**	**20,93**
15405.00500	**500 ml**	**23,95**
15405.01000	**1.000 ml**	**42,49**
15405.02500	**2.500 ml**	**81,79**

03.3 Detecting reagents

Kit: Colloidal Iron Solution after RHINEHART & ABU'L HAJ (Working Solution)

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Colloidal Iron Solution after RHINEHART & ABU'L HAJ (Stock Solution), Artikel-Nr.:13707
- Acetic Acid 99 % (Glacial Acid), Artikel-Nr.:11998

Staining of tissue samples

A colloidal iron solution is used in medical diagnostics and life sciences to identify and differentiate acidic mucopolysaccharides in histological specimens. The solution consists of ferric chloride, distilled water, glycerol and ammonia, and is optimized by the addition of acetic acid. The staining allows clear visualization of specific cell structures and is particularly useful in ultrastructural research.

Order-No.:	Amount:	Price:
13712.00100	**100 ml**	**9,89**
13712.00250	**250 ml**	**18,56**
13712.00500	**500 ml**	**31,73**
13712.01000	**1.000 ml**	**64,22**
13712.02500	**2.500 ml**	**140,32**

Kit: FOUCHETs reagent

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Iron(III) Chloride 10 %, Artikel-Nr.:11691
- Trichloroacetic Acid 20 %, Artikel-Nr.:16388

Bilirubin detection in tissue samples

Fouchet's reagent is an important component in medical diagnostic tests, consisting of ferric chloride and trichloroacetic acid. It is mainly used in histology and scientific laboratories to analyze bilirubin in biological samples. The reaction allows visualization and semi-quantitative determination of bilirubin and is fundamental for diagnostic tests in medicine and research.

Order-No.:	Amount:	Price:
17650.00100	**100 ml**	**18,07**
17650.00250	**250 ml**	**31,35**
17650.00500	**500 ml**	**56,64**
17650.01000	**1.000 ml**	**108,52**
17650.02500	**2.500 ml**	**239,02**

Kit: Potassium Ferrocyanide (II) Hydrochloric Acid Solution

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Hydrochloric Acid 5 % for Iron Detection, Artikel-Nr.:11632
- Potassium Ferrocyanide (II) 5 % (Yellow Prussiate), Artikel-Nr.:11333

Iron detection

The Potassium Hexacyanoferrate(II) Hydrochloric Acid Solution Kit is designed for histology and Berliner Blue staining to visualize iron deposits in tissue sections. It contains an aqueous solution of potassium ferricyanide(II) (potassium ferrocyanide) and hydrochloric acid, which react to form the Berliner blue complex. The kit is intended for professional users.

Order-No.:	Amount:	Price:
12566.00100	**100 ml**	**11,70**
12566.00250	**250 ml**	**16,47**
12566.00500	**500 ml**	**27,50**
12566.01000	**1.000 ml**	**55,76**
12566.02500	**2.500 ml**	**119,81**

Kit: Prussian Blue Staining Solution 1 %

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Potassium Ferrocyanide (II) 2 % (Yellow Prussiate), Artikel-Nr.:13306
- Hydrochloric Acid 2 %, Artikel-Nr.:13694

Differentiation / pickling / bluing

Berlinerblau staining solution is used in medical diagnostics and histology to visualize iron deposits in biological samples. The blue stained complex facilitates the identification of diseases such as hemochromatosis and thalassemia.

Order-No.:	Amount:	Price:
13697.00100	**100 ml**	**8,63**
13697.00250	**250 ml**	**14,91**
13697.00500	**500 ml**	**24,12**
13697.01000	**1.000 ml**	**49,65**
13697.02500	**2.500 ml**	**106,30**

Kit: Prussian Blue Staining Solution 2.5 %

Lagerung: *siehe Einzelprodukte*

Components of this kit:
- Potassium Ferrocyanide (II) 5 % (Yellow Prussiate), Artikel-Nr.:11333
- Hydrochloric Acid 5 % for Iron Detection, Artikel-Nr.:11632

Differentiation / pickling / bluing

Berlinerblau Staining Solution 2.5% enables more effective and sensitive detection of iron deposits in tissue samples in histology, medical diagnostics and life sciences. The higher concentration of potassium hexacyanoferrate (II) and hydrochloric acid in the solution improves the reaction rate and sensitivity in the formation of the ferric hexacyanoferrate (II) complex.

Order-No.:	Amount:	Price:
13702.00100	**100 ml**	**10,34**
13702.00250	**250 ml**	**30,78**
13702.00500	**500 ml**	**53,27**
13702.01000	**1.000 ml**	**103,13**
13702.02500	**2.500 ml**	**227,37**
13702.60000	**60.000 ml**	**4390,78**

Kreatinin Testing Kit

Lagerung: *Bei 4°C*

Components of this kit:
- Creatinine Standard 5 mg/l, Artikel-Nr.:18339
- Creatinine Standard 10 mg/l, Artikel-Nr.:18340
- Creatinine Standard 30 mg/l, Artikel-Nr.:18341
- Creatinine Standard 60 mg/l, Artikel-Nr.:18346
- Creatinine Standard 140 mg/l, Artikel-Nr.:18344
- Creatinine Standard 200 mg/l, Artikel-Nr.:18345
- Creatinine Standard 90 mg/l, Artikel-Nr.:18343

Creatinine determination

The creatinine standard kit is an important tool in medical diagnostics and research. It enables precise creatinine tests to assess kidney function and identify kidney diseases. Accurate and reliable results are obtained through color changes and spectrophotometric measurements.

Order-No.:	Amount:	Price:
18461.00100	**100 ml**	**179,55**

Ninhydrin 1 % for Weld Testing

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetone
- ninhydrin

Determination of amino acids

Ninhydrin 1% solution for sweat testing has been developed for the detection of amino acids and peptides in biological samples and is used for the examination of sweat traces and latent fingerprints in forensic analysis.

Order-No.:	Amount:	Price:
14238.00100	**100 ml**	**20,47**
14238.00250	**250 ml**	**30,26**
14238.00500	**500 ml**	**46,18**
14238.01000	**1.000 ml**	**87,33**

03.3 Detecting reagents

Ninhydrin 2 %, alcoholic

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- ninhydrin

Determination of amino acids

Ninhydrin 2% alcoholic is mainly used in medical diagnostics and scientific laboratories. It reacts with amino acids and peptides and enables protein and amino acid analyses. When heated, it produces a characteristic blue coloration (Ruhemann purple). Ninhydrin can also visualize free amines and ammonia and can be used in forensics for fingerprint detection.

Order-No.:	Amount:	Price:
11908.00100	**100 ml**	**37,52**
11908.00250	**250 ml**	**64,65**
11908.00500	**500 ml**	**109,18**
11908.01000	**1.000 ml**	**210,19**
11908.02500	**2.500 ml**	**479,57**

Ninhydrin solution for the determination of amino acids

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- ninhydrin

Determination of amino acids

Ninhydrin solution is an effective reagent for the determination of amino acids and proteins in biochemistry, molecular biology as well as forensic analysis. It reacts with amino acids upon heating to form Ruhemann's purple, enables simple, rapid detection, and is versatile.

Order-No.:	Amount:	Price:
14319.00100	**100 ml**	**30,33**
14319.00250	**250 ml**	**43,99**
14319.00500	**500 ml**	**66,49**
14319.01000	**1.000 ml**	**127,56**

NYLANDER's Reagent

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide
- Kaliumnatriumtartrat Tetrahydrat
- bismuth(III) oxynitrate

Detection of sugars

NYLANDER reagent is a chemical solution for the identification of reducing sugars in microscopy and biochemistry. It consists of sodium hydroxide, potassium sodium tartrate tetrahydrate and bismuth(III) nitrate and can detect monosaccharides, disaccharides and polysaccharides. The characteristic black-brown coloration facilitates detection under the microscope and makes it a valuable tool in diagnostic histology.

Order-No.:	Amount:	Price:
12187.00100	**100 ml**	**22,86**
12187.00250	**250 ml**	**29,94**
12187.00500	**500 ml**	**45,50**
12187.01000	**1.000 ml**	**86,03**

PANDY's Reagent

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phenol

Detection of globulins in cerebrospinal fluid

PANDY reagent is used to detect elevated protein levels, particularly globulins, in cerebrospinal fluid (CSF). Turbidity when CSF sample is added to the PANDY solution indicates elevated globulin levels. A positive test indicates possible pathological conditions such as diabetes, brain tumors or multiple sclerosis, while a negative result indicates normal protein levels.

Order-No.:	Amount:	Price:
15954.00100	**100 ml**	**14,80**
15954.00250	**250 ml**	**21,16**
15954.00500	**500 ml**	**27,06**
15954.01000	**1.000 ml**	**50,91**
15954.02500	**2.500 ml**	**104,75**

Potassium Ferrocyanide (II) 1 % (Yellow Prussiate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium hexaferrocyanide (II)

Iron detection

Potassium ferricyanide(II) 1 %, also known as yellow blood liquor salt, is an in vitro diagnostic agent for the identification and quantification of iron in biological samples. It is used in clinical chemistry and pathology to diagnose and monitor iron metabolism disorders by reacting with iron ions to form the deep blue complex \"Prussian Blue\".

Order-No.:	Amount:	Price:
15475.00100	**100 ml**	**14,03**
15475.00250	**250 ml**	**17,84**
15475.00500	**500 ml**	**24,42**
15475.01000	**1.000 ml**	**30,13**
15475.02500	**2.500 ml**	**53,21**

Potassium Ferrocyanide (II) 10 % (Yellow Prussiate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium hexaferrocyanide (II)

Iron detection

Potassium ferricyanide(II) 10%, also known as blood liquor salt yellow, is an important reagent in in vitro diagnostics. It is used in clinical chemistry for the detection of iron compounds, such as hemoglobin. The Berlin blue reaction produces the Prussian blue complex, which can be detected photometrically.

Order-No.:	Amount:	Price:
15318.00100	**100 ml**	**14,87**
15318.00250	**250 ml**	**20,26**
15318.00500	**500 ml**	**22,55**
15318.01000	**1.000 ml**	**39,82**
15318.02500	**2.500 ml**	**75,63**

Potassium Ferrocyanide (II) 2 % (Yellow Prussiate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium hexaferrocyanide (II)

Iron detection

Potassium hexacyanoferrate(II) 2% is used in histology in the Perls-Prussian Blue reaction to identify iron deposits in tissue samples. The solution forms blue complexes with ferric ions and is a reliable staining technique due to its stability, efficiency and reproducibility.

Order-No.:	Amount:	Price:
13306.00100	**100 ml**	**13,48**
13306.00250	**250 ml**	**16,19**
13306.00500	**500 ml**	**22,18**
13306.01000	**1.000 ml**	**29,15**
13306.02500	**2.500 ml**	**53,56**

03.3 Detecting reagents

Potassium Ferrocyanide (II) 20 % (Yellow Prussiate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium hexaferrocyanide (II)

Iron detection

Potassium ferricyanide(II) 20 % (blood leach salt yellow) is a high quality laboratory chemical used in analytical chemistry, electrochemistry, photographic technology and dye industry. It is used for identification and quantification of iron ions in solutions, investigation of electrode processes and production of pigments. Its ability to form complex compounds enables stable compounds for a wide range of applications.

Order-No.:	Amount:	Price:
15674.00100	**100 ml**	**20,29**
15674.00250	**250 ml**	**24,87**
15674.00500	**500 ml**	**29,88**
15674.01000	**1.000 ml**	**53,63**
15674.02500	**2.500 ml**	**106,52**

Potassium Ferrocyanide (II) 5 % (Yellow Prussiate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium hexaferrocyanide (II)

Iron detection

Potassium ferricyanide(II) 5% (blood leach salt yellow) is a chemical compound used in histology and pathology to identify iron deposits in tissues. In the Perls' Prussian Blue reaction, it allows specific and sensitive visualization of iron deposits, which may be relevant for the diagnosis of diseases such as hemochromatosis, hemolysis, and sideroblastic anemia.

Order-No.:	Amount:	Price:
11333.00100	**100 ml**	**16,88**
11333.00250	**250 ml**	**17,59**
11333.00500	**500 ml**	**25,62**
11333.01000	**1.000 ml**	**32,90**
11333.02500	**2.500 ml**	**61,36**
11333.60000	**60.000 ml**	**781,14**

Potassium Ferrocyanide (III) 1 % Red Prussiate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium hexaferrocyanide(III)

Iron detection

Potassium ferricyanide(III) 1%, also known as red blood liquor salt, is a laboratory chemical used in aqueous solution for staining kits such as SCHMORL melanin detection. It is excellent for the detection of iron and enables precise results in scientific research and analysis.

Order-No.:	Amount:	Price:
15979.00100	**100 ml**	**12,08**
15979.00250	**250 ml**	**16,92**
15979.00500	**500 ml**	**22,53**
15979.01000	**1.000 ml**	**33,94**
15979.02500	**2.500 ml**	**65,49**

Potassium Ferrocyanide (III) 5 % (Red Prussiate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium hexaferrocyanide(III)

Iron detection

Potassium ferricyanide(III) 5%, also called red blood liquor salt, is a chemical compound used in histology to stain iron deposits. When combined with an acidic solution, it forms the dye Prussian Blue, which is used to examine iron deposits in diseases such as hemochromatosis or hemoglobinopathies.

Order-No.:	Amount:	Price:
11146.00250	**250 ml**	**27,21**
11146.00500	**500 ml**	**37,15**
11146.01000	**1.000 ml**	**67,62**

Rhodanine for Copper Detection

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- 4-dimethylaminobenzylidenerhodanine

Copper detection in tissue samples

Rhodanine is an organic derivative used in histology for the detection of copper. It is used primarily in the diagnosis of Wilson's disease, a genetic disorder with excessive copper storage in organs. The sensitive rhodanine method shows the presence and distribution of copper in tissue under the microscope.

Order-No.:	Amount:	Price:
12315.00100	**100 ml**	**29,34**
12315.00250	**250 ml**	**41,38**
12315.00500	**500 ml**	**69,52**
12315.01000	**1.000 ml**	**131,78**
12315.02500	**2.500 ml**	**291,75**

Ruthenium Red Solution for Pectin Detection

Lagerung: *15 … 25 °C*

Relevant Incredients:
- (C.I.: 77800)

Detection of pectin

Ruthenium red solution identifies pectin in plant tissues and cell walls. Applications include botanical studies, food analysis and quality control of plant products. The solution is sensitive and selective for pectins, easy to use and allows fast and reliable detection of pectins.

Order-No.:	Amount:	Price:
13048.00100	**100 ml**	**49,10**
13048.00250	**250 ml**	**61,48**
13048.00500	**500 ml**	**83,18**
13048.01000	**1.000 ml**	**161,99**
13048.02500	**2.500 ml**	**365,25**

TRINDER's Reagent

Lagerung: *< 4°C*

Relevant Incredients:
- Mercury(II) chloride
- Hydrochloric Acid 1.0 mol/l
- Eisen(III)nitrat Nonahydrat

Detection of salicylate

The TRINDER reagent is an important chemical reagent in medical laboratory diagnostics. It allows rapid quantification of salicylates in biological fluids and analysis of various substrates. The Trinder method using the reagent is versatile and can be modified to determine uric acid, creatinine and cholesterol.

Order-No.:	Amount:	Price:
14958.00100	**100 ml**	**43,82**
14958.00250	**250 ml**	**66,22**
14958.00500	**500 ml**	**108,29**
14958.01000	**1.000 ml**	**211,46**
14958.02500	**2.500 ml**	**482,61**

Acetic Acid in Ethanol (1 % / 96 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Aqua dest. / pure water

Differentiation / pickling / bluing

Acetic acid alcohol is a mixture of acetic acid and ethanol used in histology and cytology as a solvent and fixative. The combination increases the solubilization and fixation properties and allows faster fixation and better preservation of fine cellular structures. Acetic acid alcohol is used to dehydrate and degrease tissue specimens.

Order-No.:	Amount:	Price:
11374.00100	**100 ml**	**10,05**
11374.00250	**250 ml**	**15,27**
11374.00500	**500 ml**	**18,27**
11374.01000	**1.000 ml**	**23,72**

04. Staining, blueing, differentiating

Acetic alcohol (10% / 50%)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Acetic acid 99%

Differentiation / pickling / bluing

Acetic acid alcohol is an effective solution in histology and medical diagnostics, consisting of ethanol, deionized water and acetic acid. It is widely used in Sulfated Alcian Blue staining to label acidic mucopolysaccharides, glycosaminoglycans and acidic glycoproteins. The solution acts as a fixative and improves the recognition and visualization of tissue samples.

Order-No.:	Amount:	Price:
13265.00100	**100 ml**	**12,54**
13265.00250	**250 ml**	**14,82**
13265.00500	**500 ml**	**17,73**
13265.01000	**1.000 ml**	**25,56**
13265.02500	**2.500 ml**	**47,69**

Ammonium Iron (III) Sulfate 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium Iron (III) Sulfate 12-hydrate

Differentiation / pickling / bluing

Ammonium iron (III) sulfate 2% is a solution used in histology as a mordant for staining hematoxylin solutions. It improves the binding affinity of hematoxylin to cell nuclei and enables clearer delineation of these structures, which is important for histological examinations and diagnoses of pathological changes in tissue.

Order-No.:	Amount:	Price:
11140.00100	**100 ml**	**17,70**
11140.00250	**250 ml**	**22,76**
11140.00500	**500 ml**	**37,55**
11140.01000	**1.000 ml**	**47,31**
11140.02500	**2.500 ml**	**92,76**

Ammonium Iron (III) Sulfate 4 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium Iron (III) Sulfate 12-hydrate

Oxidizing agent

Ammonium iron (III) sulfate 4% is mainly used in scientific laboratories and histology. It is used for DNA staining in the Feulgen reaction and as an oxidizing agent to facilitate chemical reactions. In analytical chemistry, it helps to quantify vitamin C by titration and causes color changes to follow reaction progress.

Order-No.:	Amount:	Price:
17576.00100	**100 ml**	**18,87**
17576.00250	**250 ml**	**27,33**
17576.00500	**500 ml**	**52,16**
17576.01000	**1.000 ml**	**68,25**
17576.02500	**2.500 ml**	**144,05**

Ammonium Iron (III) Sulfate with Glycerine

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium Iron (III) Sulfate 12-hydrate
- Glycerol

Differentiation / pickling / bluing

Ammonium iron(III) sulfate with glycerol is an in vitro diagnostic agent used for differentiation of staining in SHOOBRIGDE polychrome staining. It enables efficient performance of chemical reactions and selective staining for differential visualization of various cell structures in biological tissue samples.

Order-No.:	Amount:	Price:
15535.00100	**100 ml**	**17,40**
15535.00250	**250 ml**	**23,95**
15535.00500	**500 ml**	**30,29**
15535.01000	**1.000 ml**	**54,56**
15535.02500	**2.500 ml**	**109,72**

GRAM's Decolorizing Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol
- Acetone

Post-treatment of Gram stains

Gram's decolorization solution is part of the Gram stain, a microbiological method for classifying bacteria into Gram-positive and Gram-negative groups. It is based on cell wall structure differences and consists of isopropanol and acetone. The decolorization removes dyes from Gram-negative bacteria, while Gram-positive bacteria retain their staining.

Order-No.:	Amount:	Price:
11499.00100	**100 ml**	**10,59**
11499.00250	**250 ml**	**15,00**
11499.00500	**500 ml**	**19,60**
11499.01000	**1.000 ml**	**21,69**
11499.02500	**2.500 ml**	**37,30**

Hydrochloric acid Alcohol (0.75 % / 96 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%
- Aqua dest. / pure water

Differentiation / pickling / bluing

Hydrochloric acid alcohol (0.75 % / 96 %) is an in vitro diagnostic agent used in staining kits to remove excess color in histology and cytology laboratories. The combination of ethanol and hydrochloric acid allows efficient differentiation and decolorization without affecting cell structures and supports accurate and reliable diagnosis.

Order-No.:	Amount:	Price:
15192.00250	**250 ml**	**17,72**
15192.00500	**500 ml**	**25,47**
15192.01000	**1.000 ml**	**29,63**
15192.02500	**2.500 ml**	**53,63**

Hydrochloric acid Alcohol (0.8 % / 96 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

The hydrochloric acid-alcohol solution optimizes staining results in histology by targeting cell structures. It improves contrast, enables more accurate microscopic analyses and can remove stains, thereby increasing the quality of histological preparations.

Order-No.:	Amount:	Price:
14173.00100	**100 ml**	**15,17**
14173.00250	**250 ml**	**17,72**
14173.00500	**500 ml**	**25,49**
14173.01000	**1.000 ml**	**29,66**
14173.02500	**2.500 ml**	**53,69**

Hydrochloric acid Alcohol (1 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Ethyl alcohol
- Aqua dest. / pure water

Differentiation / pickling / bluing

Hydrochloric acid alcohol (1% / 70%) is a solution used in histology and microscopy and consists of 1% hydrochloric acid and 70% ethanol. It is used to decolorize and differentiate stains, especially in sensitive tissue specimens, and allows clearer visualization of stained structures.

Order-No.:	Amount:	Price:
10372.00100	**100 ml**	**13,80**
10372.00250	**250 ml**	**16,10**
10372.00500	**500 ml**	**22,37**
10372.01000	**1.000 ml**	**26,94**
10372.02500	**2.500 ml**	**49,14**
10372.05000	**5.000 ml**	**83,03**

04. Staining, blueing, differentiating

Hydrochloric acid Alcohol (3 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiate and decolorize

Hydrochloric acid alcohol (3 % / 70 %) is a solution for histology and in vitro diagnostics consisting of ethanol, water and hydrochloric acid. It is used as a differentiating agent in hematoxylin and eosin staining and for decolorizing tissue sections for new staining.

Order-No.:	Amount:	Price:
17840.00100	**100 ml**	**13,82**
17840.00250	**250 ml**	**16,16**
17840.00500	**500 ml**	**22,55**
17840.01000	**1.000 ml**	**27,17**
17840.02500	**2.500 ml**	**49,67**
17840.05000	**5.000 ml**	**84,09**
17840.10000	**10.000 ml**	**158,58**

Hydrochloric acid Alcohol (with NaCl)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 25 %
- Sodium chloride

Differentiation / pickling / bluing

Hydrochloric acid alcohol (with NaCl) consists of ethanol, hydrochloric acid and sodium chloride. It is mainly used for differentiation of hematoxylin stains. NaCl serves as an osmotic equalizer for cells, facilitates optimal staining, and allows differentiation between different cell types. It contributes to the precise staining of histological sections and cell preparations in medical diagnostics.

Order-No.:	Amount:	Price:
18748.00100	**100 ml**	**12,69**
18748.00250	**250 ml**	**15,27**
18748.00500	**500 ml**	**21,72**
18748.01000	**1.000 ml**	**27,37**
18748.02500	**2.500 ml**	**51,87**
18748.05000	**5.000 ml**	**89,64**
18748.10000	**10.000 ml**	**170,51**

Hydrochloric Acid in 2-Propanol (1 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol
- Hydrochloric Acid 37%

Solvents / Fixatives / Sample processing

The mixture of 1% hydrochloric acid and 70% isopropanol is used in histology and cytology as a solution for staining tissue samples. It allows clear visualization of tissue structures and differentiation of tissue types and morphological changes. Hydrochloric acid promotes differentiation and isopropanol acts as a dehydrating agent and increases the strength of cell structures.

Order-No.:	Amount:	Price:
13838.00100	**100 ml**	**14,40**
13838.00250	**250 ml**	**16,40**
13838.00500	**500 ml**	**21,12**
13838.01000	**1.000 ml**	**31,86**
13838.02500	**2.500 ml**	**49,11**

Hydrochloric Acid in Ethanol (0.033 % / 33.3 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid alcohol (0.033 % / 33.3 %) is an in vitro diagnostic agent for histological staining processes, especially for differentiation of hematoxylin stains. It optimizes staining by removing excess hematoxylin, allowing more precise visualization of cell structures and morphological features.

Order-No.:	Amount:	Price:
15411.00100	**100 ml**	**14,23**
15411.00250	**250 ml**	**14,92**
15411.00500	**500 ml**	**19,61**
15411.01000	**1.000 ml**	**24,07**
15411.02500	**2.500 ml**	**43,36**

Hydrochloric Acid in Ethanol (0.1 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiate staining

Hydrochloric acid alcohol (0.1% / 70%) is an in vitro diagnostic agent for medical and histological diagnostics. It improves the differentiation of stains in histological specimens and allows more accurate assessment of cell structures and tissue types, facilitates diagnoses and identification of pathological changes.

Order-No.:	Amount:	Price:
16242.00100	**100 ml**	**14,54**
16242.00250	**250 ml**	**17,33**
16242.00500	**500 ml**	**24,25**
16242.01000	**1.000 ml**	**28,08**
16242.02500	**2.500 ml**	**50,05**

Hydrochloric Acid in Ethanol (0.125 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid alcohol (0.125% / 70%) as an in vitro diagnostic agent is developed for histological staining processes, especially for differentiation of hematoxylin stains in tissue samples. It affects hematoxylin binding, dehydrates and decolorizes excess dyes, resulting in better differentiation of cell structures and morphological features and more precise results.

Order-No.:	Amount:	Price:
15417.00100	**100 ml**	**15,04**
15417.00250	**250 ml**	**16,08**
15417.00500	**500 ml**	**22,29**
15417.01000	**1.000 ml**	**26,84**
15417.02500	**2.500 ml**	**48,90**

Hydrochloric Acid in Ethanol (0.25 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

The alcoholic hydrochloric acid solution (0.25 % / 70 %) is used in histology and medical diagnostics to differentiate hematoxylin stains, remove excess dyes and prevent overstaining. It consists of ethanol, water and fuming hydrochloric acid and enables clear visualization of tissue structures.

Order-No.:	Amount:	Price:
14473.00100	**100 ml**	**13,79**
14473.00250	**250 ml**	**16,08**
14473.00500	**500 ml**	**22,30**
14473.01000	**1.000 ml**	**26,86**
14473.02500	**2.500 ml**	**48,95**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

04. Staining, blueing, differentiating

Product	Description	Order Information

Hydrochloric Acid in Ethanol (0.3 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid alcohol (0.3 % / 70 %) has similar properties and applications to the 1 % / 70 % version, but is preferred in histology and microscopy due to the lower concentration of hydrochloric acid. It is used for decolorization and differentiation, as in Ziehl-Neelsen staining, and is milder on sensitive tissue specimens.

Order-No.:	Amount:	Price:
19133.00100	**100 ml**	**14,54**
19133.00250	**250 ml**	**17,33**
19133.00500	**500 ml**	**24,25**
19133.01000	**1.000 ml**	**28,09**
19133.02500	**2.500 ml**	**50,05**
19133.50000	**5.000 ml**	**83,70**

Hydrochloric Acid in Ethanol (0.4 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

The hydrochloric acid-alcohol solution (0.4% / 70%) is used in histology, medical diagnostics and life sciences to improve staining results and remove unwanted stains. It enables the differentiation of cell structures and optimizes contrast in microscopic analyses.

Order-No.:	Amount:	Price:
14179.00100	**100 ml**	**16,29**
14179.00250	**250 ml**	**17,34**
14179.00500	**500 ml**	**24,28**
14179.01000	**1.000 ml**	**28,12**
14179.02500	**2.500 ml**	**50,14**

Hydrochloric Acid in Ethanol (0.5 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Ethyl alcohol

Differentiate staining

Hydrochloric acid alcohol (0.5 % / 70 %) is an in vitro diagnostic agent for medical and histological diagnostics. It enables differentiation, staining and blueing of histological specimens and helps visualize and distinguish cell structures and tissue types, facilitating the diagnosis and evaluation of tissue samples.

Order-No.:	Amount:	Price:
16248.00100	**100 ml**	**15,04**
16248.00250	**250 ml**	**17,34**
16248.00500	**500 ml**	**24,29**
16248.01000	**1.000 ml**	**28,13**
16248.02500	**2.500 ml**	**50,16**

Hydrochloric Acid in Ethanol (0.75 % / 70 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid alcohol (0.75 % / 70 %) is an in vitro diagnostic agent developed for histological staining processes. It optimizes the differentiation of hematoxylin stains in tissue samples, enables improved visualization of cell nuclei and basophilic structures, and leads to more precise histological analyses.

Order-No.:	Amount:	Price:
15423.00100	**100 ml**	**16,29**
15423.00250	**250 ml**	**17,35**
15423.00500	**500 ml**	**24,31**
15423.01000	**1.000 ml**	**28,16**
15423.02500	**2.500 ml**	**50,23**
15423.05000	**5.000 ml**	**84,05**

Hydrochloric Acid in Ethanol (3 % / 90 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid alcohol (3% / 90%), a solution of 3% hydrochloric acid and 90% ethanol, is widely used in histology and microscopy. The main applications are decolorization and differentiation of stains, where the solution removes excess dye and provides high-contrast visualizations. Care should be taken with sensitive tissue specimens or a lower concentrated solution should be used.

Order-No.:	Amount:	Price:
12255.00100	**100 ml**	**15,79**
12255.00250	**250 ml**	**16,45**
12255.00500	**500 ml**	**23,46**
12255.01000	**1.000 ml**	**28,33**
12255.02500	**2.500 ml**	**52,35**

PAP Bluing Solution – (S)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Magnesium sulfate
- Potassium hydrogen carbonate

Differentiation / pickling / bluing

The PAP bluing solution is a variant of Scott's solution and is used in Papanicolaou staining for cytological smears. It improves the contrast and visibility of the stained nuclei, facilitates interpretation and analysis, and increases the accuracy and reproducibility of cytological staining.

Order-No.:	Amount:	Price:
11965.00100	**100 ml**	**10,96**
11965.00250	**250 ml**	**12,35**
11965.00500	**500 ml**	**13,77**
11965.01000	**1.000 ml**	**15,30**
11965.02500	**2.500 ml**	**24,64**
11965.05000	**5.000 ml**	**34,77**
11965.10000	**10.000 ml**	**64,25**

Phosphomolybdic acid 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphomolybdic acid

Differentiation / pickling / bluing

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Order-No.:	Amount:	Price:
10306.00100	**100 ml**	**16,13**
10306.00250	**250 ml**	**22,63**
10306.00500	**500 ml**	**28,84**
10306.01000	**1.000 ml**	**53,05**
10306.02500	**2.500 ml**	**107,94**

Phosphomolybdic Acid 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphomolybdic acid

Differentiation / pickling / bluing

Phosphomolybdic acid is an aqueous solution used in histology and cytology as a stain and dye component. It is used in various staining protocols to facilitate the binding of dyes to cell structures or to increase color intensity. The acid finds application in techniques such as Goldner trichrome staining for selective staining of different tissue components.

Order-No.:	Amount:	Price:
10309.00100	**100 ml**	**22,12**
10309.00250	**250 ml**	**30,33**
10309.00500	**500 ml**	**43,69**
10309.01000	**1.000 ml**	**80,08**
10309.02500	**2.500 ml**	**168,73**

04. Staining, blueing, differentiating

Phosphomolybdic Acid 5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Phosphomolybdic acid

Differentiation / pickling / bluing

Phosphomolybdic acid is an aqueous solution used in histology and cytology as a stain and dye component. It is used in staining protocols to facilitate the binding of dyes to cell structures and to increase color intensity. An example is Goldner trichrome staining, where phosphomolybdic acid provides improved color separation and contrast.

Order-No.:	Amount:	Price:
10312.00100	**100 ml**	**37,88**
10312.00250	**250 ml**	**50,48**
10312.00500	**500 ml**	**86,00**
10312.01000	**1.000 ml**	**160,67**
10312.02500	**2.500 ml**	**355,10**

Phosphortungstic Acid 1 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Phosphotungstic acid

Differentiation / pickling / bluing

Phosphotungstic acid is a complex acid used in histology and cytology in concentrations from 1% to 5% as a stain and dye component. It facilitates the binding of dyes to cell structures and increases color intensity, especially in the selective staining of collagen and extracellular matrix structures.

Order-No.:	Amount:	Price:
10318.00100	**100 ml**	**19,45**
10318.00250	**250 ml**	**22,63**
10318.00500	**500 ml**	**32,33**
10318.01000	**1.000 ml**	**49,30**
10318.02500	**2.500 ml**	**97,55**

Phosphortungstic Acid 2 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Phosphotungstic acid

Differentiation / pickling / bluing

Phosphotungstic acid is an aqueous solution used in histology and cytology as a stain and dye component. It facilitates the binding of dyes to cell structures and increases color intensity. In 1-5% concentrations, it is used for selective staining of collagen and extracellular matrix structures, often in combination with dyes such as aniline blue or orange G.

Order-No.:	Amount:	Price:
10321.00100	**100 ml**	**22,50**
10321.00250	**250 ml**	**27,80**
10321.00500	**500 ml**	**45,36**
10321.01000	**1.000 ml**	**69,99**
10321.02500	**2.500 ml**	**145,40**

Phosphortungstic Acid 3.5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Phosphotungstic acid

Differentiation / pickling / bluing

Phosphotungstic acid helps stabilize the binding of dyes to tissue in histology and also has applications in other areas of biological and medical research such as the detection or quantification of biomolecules in medical laboratory diagnostics.

Order-No.:	Amount:	Price:
13766.00100	**100 ml**	**16,51**
13766.00250	**250 ml**	**35,76**
13766.00500	**500 ml**	**55,10**
13766.01000	**1.000 ml**	**101,82**
13766.02500	**2.500 ml**	**219,00**

Phosphortungstic Acid 5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Phosphotungstic acid

differentiation / blueing / etching of stainings

Phosphotungstic acid is a complex acid used as a mordant in histology and cytology. In concentrations of 1% to 5%, it is used for selective staining of collagen and extracellular matrix structures, often in combination with dyes such as aniline blue or orange G. It can also be used in multicolor staining techniques and optimal concentrations vary depending on the staining protocol.

Order-No.:	Amount:	Price:
10324.00100	**100 ml**	**31,24**
10324.00250	**250 ml**	**43,34**
10324.00500	**500 ml**	**71,68**
10324.01000	**1.000 ml**	**134,02**
10324.02500	**2.500 ml**	**294,34**

SCOTT's Solution

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Magnesium sulfate
- Potassium hydrogen carbonate

Differentiation / pickling / bluing

Scott's solution is a bluing solution in histology used to intensify the staining of cell nuclei and basophilic structures after hematoxylin staining. It consists of water, magnesium sulfate and sodium bicarbonate and enables cell structures to be visualized with greater contrast by forming a blue Mg-hematein complex.

Order-No.:	Amount:	Price:
11192.00100	**100 ml**	**13,02**
11192.00250	**250 ml**	**13,11**
11192.00500	**500 ml**	**14,03**
11192.01000	**1.000 ml**	**15,68**
11192.02500	**2.500 ml**	**25,31**
11192.05000	**5.000 ml**	**35,85**
11192.10000	**10.000 ml**	**64,11**

SCOTT's Solution 10x Concentrate

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Magnesium sulfate
- Potassium hydrogen carbonate

Differentiation / pickling / bluing

SCOTT's solution is a bluing solution used in histology, applied after hematoxylin staining. It provides rapid and intense bluing of cellular structures and improves their visibility under the microscope. The solution consists of magnesium sulfate, sodium bicarbonate and must be diluted 1:10.

Order-No.:	Amount:	Price:
11229.00250	**250 ml**	**18,73**
11229.00500	**500 ml**	**22,50**
11229.01000	**1.000 ml**	**38,99**

04. Staining, blueing, differentiating

Sulfit water for BAUER & CALLEJA

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Potassium disulfite

Differentiation / pickling / bluing

Sulfite water for BAUER & CALLEJA is an important component of staining kits, especially the staining kit LH. It is used in histology and food analysis to allow qualitative analysis of components in terms of origin and condition. The binding ability of Schiff's reagent enables the visualization of carbohydrate structures.

Order-No.:	Amount:	Price:
18437.00100	**100 ml**	**12,75**
18437.00250	**250 ml**	**15,24**
18437.00500	**500 ml**	**20,18**
18437.01000	**1.000 ml**	**31,31**
18437.02500	**2.500 ml**	**49,99**

Acetate Buffer

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Sodium acetate tri-hydrate

pH stabilization, DNA extraction, chromatography

The acetate buffer with pH 5.8 is suitable for biochemical and biological investigations, especially in microbiology and molecular biology, and as a mobile phase in HPLC. It is an aqueous solution of acetic acid and sodium acetate that absorbs excess protons and hydroxide ions to maintain a stable pH.

Order-No.:	Amount:	Price:
11173.00100	**100 ml**	**18,93**
11173.00250	**250 ml**	**28,42**
11173.00500	**500 ml**	**39,75**
11173.01000	**1.000 ml**	**72,46**

Acetate Buffer 0.1 mol/l, pH 5.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetate tri-hydrate
- Acetic acid 99%

Use as laboratory reagent

The Acetate Buffer pH 5.0 (0.1 mol/l) is used in biochemistry and molecular biology to maintain stable pH in enzymatic reactions, DNA purification and immunoassays. The buffer capacity enables the maintenance of a specific pH environment and ensures consistent experimental conditions for reproducible results.

Order-No.:	Amount:	Price:
15656.00100	**100 ml**	**13,77**
15656.00250	**250 ml**	**17,19**
15656.00500	**500 ml**	**23,11**
15656.01000	**1.000 ml**	**27,55**
15656.02500	**2.500 ml**	**48,02**

Acetate Buffer pH 3.6

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetat
- Acetic acid 99%

Preparation of buffer solutions

Acetate Buffer pH 3.6 is used for WARTHIN-STARRY silver staining because it provides the necessary environment for the silver nitrate reaction required for the specific staining of spirochaetes and Bacillus piliformis. The buffer contains a weak acid-base pair that keeps the pH stable and contributes to the increased sensitivity and selectivity of the staining.

Order-No.:	Amount:	Price:
13330.00100	**100 ml**	**14,95**
13330.00250	**250 ml**	**16,97**
13330.00500	**500 ml**	**22,42**
13330.01000	**1.000 ml**	**26,67**

Acetate Buffer pH 4.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetat
- Acetic acid 99%

Preparation of buffer solutions

The Acetate Buffer pH 4.0 serves as a stabilizing buffer system with an acidic pH for various applications in molecular biology, biochemistry and histology. The buffer system can withstand pH fluctuations and enables accurate control of pH in experiments. In addition, it is easy to manufacture, stable, versatile, inexpensive and readily available.

Order-No.:	Amount:	Price:
13209.00250	**250 ml**	**16,98**
13209.00500	**500 ml**	**22,45**
13209.01000	**1.000 ml**	**26,71**

Acetate buffer pH 4.99 (stock solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetat
- Acetic acid 99%

Use as laboratory reagent

The Acetate Buffer pH 4.99 is part of the Campbell-Switzer silver plating kit and consists of water, sodium acetate and acetic acid. It enables stable conditions for biochemical reactions, especially staining processes, and improves the visualization of structures and molecules in microscopic analyses.

Order-No.:	Amount:	Price:
16859.00100	**100 ml**	**15,30**
16859.00250	**250 ml**	**18,00**
16859.00500	**500 ml**	**25,65**
16859.01000	**1.000 ml**	**30,76**
16859.02500	**2.500 ml**	**55,47**

Artificial gastric juice

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride
- Hydrochloric Acid 1.0 mol/l

Use as laboratory reagent

Artificial gastric juice, consisting of ultrapure water, sodium chloride and hydrochloric acid, simulates the digestion process in the laboratory. It enables the study of drug dissolution, food decomposition and interactions of ingredients with the gastric environment and is used to evaluate release kinetics and chemical stability.

Order-No.:	Amount:	Price:
18500.00100	**100 ml**	**22,52**
18500.00250	**250 ml**	**30,91**
18500.00500	**500 ml**	**34,18**
18500.01000	**1.000 ml**	**41,51**
18500.02500	**2.500 ml**	**73,62**
18500.05000	**5.000 ml**	**117,64**

Barbital Acetate Buffer II, pH 8.6 - 8.7

Lagerung: *4 … 8 °C*

Relevant Incredients:
-
- Sodium acetate tri-hydrate

pH regulation in biochemistry

Barbital Acetate Buffer II (pH 8.6-8.7) consists of barbituric acid sodium salt and sodium acetate trihydrate in ultrapure water. It is used in biological and biochemical studies to maintain constant pH values and to support the stability of enzymes and proteins, leading to reliable results.

Order-No.:	Amount:	Price:
14895.00100	**100 ml**	**13,71**
14895.00250	**250 ml**	**18,03**
14895.00500	**500 ml**	**20,48**
14895.01000	**1.000 ml**	**38,38**
14895.02500	**2.500 ml**	**75,77**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

05. Buffer solutions

Barbital Sodium 0.1 mol/l

Lagerung: *4 … 8 °C*

Relevant Incredients:
•
•

Preparation of buffer solutions

Barbital sodium 0.1 mol/l solution is a dilute aqueous solution for biochemical and biological experiments. It is suitable for sensitive applications and stabilizes the pH value by its buffering effect.

Order-No.:	Amount:	Price:
14111.00100	**100 ml**	**90,85**
14111.00250	**250 ml**	**217,99**
14111.00500	**500 ml**	**426,09**
14111.01000	**1.000 ml**	**823,56**
14111.02500	**2.500 ml**	**1936,33**

Barbital-Buffer

Lagerung: *4 … 8 °C*

Relevant Incredients:
• 5,5-Diethyl-2,4,6(1H,3H,5H)-pyrimidintrion
•
• Sodium chloride
•
• Calcium chloride dihydrate
•

Preparation of buffer solutions

Barbital buffer is a solution of barbital, sodium salt of barbituric acid, sodium chloride, magnesium chloride hexahydrate, calcium chloride 2-hydrate and ultrapure water. It is filtered using a 0.2 µm top filter and is suitable for the separation and analysis of proteins and nucleic acids in biochemistry and electrophoresis due to its ability to maintain pH and ion concentration.

Order-No.:	Amount:	Price:
12969.00100	**100 ml**	**70,24**
12969.00250	**250 ml**	**147,93**
12969.00500	**500 ml**	**281,30**
12969.01000	**1.000 ml**	**543,33**
12969.02500	**2.500 ml**	**1270,79**

Barbital-EDTA Buffer pH 8.6

Lagerung: *4 … 8 °C*

Relevant Incredients:
•
• EDTA
•

Preparation of buffer solutions

Barbital EDTA Buffer pH 8.6 is used in medical and histological diagnostics to produce stable buffer solutions for biological processes and interactions. With sodium 5,5-diethylbarbiturate and EDTA, the buffer achieves optimal capacity and biochemical stability by removing metal ions and regulating pH.

Order-No.:	Amount:	Price:
16156.00250	**250 ml**	**224,65**
16156.00500	**500 ml**	**461,93**
16156.01000	**1.000 ml**	**818,00**

Barbital-Sodium Buffer pH 8.6

Lagerung: *4 … 8 °C*

Relevant Incredients:
• 5,5-Diethyl-2,4,6(1H,3H,5H)-pyrimidintrion
•
•

Preparation of buffer solutions

Barbital sodium buffer pH 8.6 is a specialized reagent for laboratory use and is used for the preparation of buffer solutions in medical and histological diagnostics. Barbital and sodium 5,5-diethylbarbiturate creates a stable buffer system that keeps the pH of a solution constant, ideal for experimental conditions with accurate pH control.

Order-No.:	Amount:	Price:
16160.00250	**250 ml**	**236,68**
16160.00500	**500 ml**	**489,08**
16160.01000	**1.000 ml**	**866,14**

Barbital-Sodium-Sodium Acetat Solution

Lagerung: *4 … 8 °C*

Relevant Incredients:
•
• Sodium acetate tri-hydrate
•

Preparation of buffer solutions

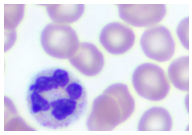
Barbital sodium acetate solution is an aqueous mixture with high buffering capacity, which is used in scientific research, especially in biochemical and biological experiments to keep pH stable.

Order-No.:	Amount:	Price:
14105.00100	**100 ml**	**113,99**
14105.00250	**250 ml**	**262,95**
14105.00500	**500 ml**	**519,01**
14105.01000	**1.000 ml**	**1003,41**
14105.02500	**2.500 ml**	**2363,47**

Buffer after WEISE pH 7.0 - 10x Concentrate

Lagerung: *15 … 25 °C*

Relevant Incredients:
• Di-sodium hydrogen phosphate dihydrate
• Potassium dihydrogen phosphate



Preparation of buffer solutions

The Weise buffer is a high-quality buffer solution for Giemsa staining in histology and cytology. It maintains the ideal pH and enables effective dye attachment to cell structures, resulting in precise and reproducible results.

Order-No.:	Amount:	Price:
13170.00100	**100 ml**	**14,96**
13170.00250	**250 ml**	**17,49**
13170.00500	**500 ml**	**23,59**
13170.01000	**1.000 ml**	**29,68**
13170.02500	**2.500 ml**	**52,67**

Cacodylat Buffer pH 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
• Cacodylic acid sodium salt trihydrate
• Hydrochloric Acid 37%

Preparation of buffer solutions

Cacodylate buffer is a buffer frequently used in biology and biochemistry with a pH value of 7.4 and a concentration of 0.1 mol/l. It is used to stabilize sample structures and fix pH, but is toxic and environmentally harmful due to its arsenic compounds. Alternatives are less toxic buffers such as HEPES or MOPS.

Order-No.:	Amount:	Price:
11720.00250	**250 ml**	**45,74**
11720.00500	**500 ml**	**77,98**
11720.01000	**1.000 ml**	**148,40**

Cacodylate buffer pH 7.3 (0.2 mol/l)

Lagerung: *15 … 25 °C*

Relevant Incredients:
• Cacodylic acid sodium salt trihydrate
• Hydrochloric Acid 37%

Preparation of buffer solutions

The Cacodylate Buffer pH 7.3 (0.2 mol/l) is a specialized laboratory buffer for biochemical and molecular biological applications. It stabilizes enzyme reactions, preserves biological samples and is characterized by high stability and low toxicity. The buffer capacity is about 0.183 mol/l and enables reliable experiments in various scientific fields.

Order-No.:	Amount:	Price:
16553.00100	**100 ml**	**43,45**
16553.00250	**250 ml**	**74,76**
16553.00500	**500 ml**	**139,62**
16553.01000	**1.000 ml**	**265,31**
16553.02500	**2.500 ml**	**600,55**

05. Buffer solutions

Citrate buffer pH 6.0 (0.01 mol/l)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide
- Citric acid

Use as laboratory reagent

Citrate buffer pH 6.0 (0.01 mol/l) is used in medical diagnostics and histology for immunohistochemistry. It consists of aqua bidest, sodium hydroxide and citric acid, which react to form sodium citrate and water. The buffer stabilizes chemical reactions, prevents pH fluctuations and enables precise analyses of biological samples.

Order-No.:	Amount:	Price:
17885.00100	**100 ml**	**11,73**
17885.00250	**250 ml**	**15,48**
17885.00500	**500 ml**	**15,82**
17885.01000	**1.000 ml**	**27,38**
17885.02500	**2.500 ml**	**50,01**

EDTA Solution 0.107 mol/l (5 %)

Lagerung: *4 … 8 °C*

Relevant Incredients:
- EDTA

Preparation of buffer solutions

The EDTA solution 0.107 mol/l (5 %) is used for analytical and complexing applications and is based on the chelating agent disodium salt dihydrate of ethylenediaminetetraacetic acid (EDTA). It forms stable complexes with metal ions and is suitable for the determination of metal contents, inactivation of enzymes or quantification of heavy metals in soil and water samples.

Order-No.:	Amount:	Price:
12962.00250	**250 ml**	**21,09**
12962.00500	**500 ml**	**28,82**
12962.01000	**1.000 ml**	**43,31**

EDTA solution 1.107 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Sodium chloride

Preparation of buffer solutions

The 1.107% EDTA solution consists of Aqua bidest, EDTA disodium salt dihydrate and sodium chloride. This solution binds metal ions, which is used in particular in chemical analyses and histology to determine the metal ion concentration or to block metal ions. The pH value significantly influences the complex formation.

Order-No.:	Amount:	Price:
19246.00100	**100 ml**	**9,67**
19246.00250	**250 ml**	**18,85**
19246.00500	**500 ml**	**22,74**
19246.01000	**1.000 ml**	**34,32**
19246.02500	**2.500 ml**	**64,31**

EDTA-Buffer 0.5 mol/l, pH 8.0

Lagerung: *4 … 8 °C*

Relevant Incredients:
- EDTA

Preparation of buffer solutions

EDTA buffer 0.5 mol/l, pH 8.0, is a laboratory chemical used in biological and biochemical experiments. It immobilizes metal ions and thus prevents enzymatic activities that could degrade DNA or RNA. This is particularly useful for DNA extraction and purification protocols. The buffer also provides protection against heavy metal contamination in cell culture media and stabilizes pH by chelating metal ions.

Order-No.:	Amount:	Price:
15626.00100	**100 ml**	**14,49**
15626.00250	**250 ml**	**23,85**
15626.00500	**500 ml**	**41,45**
15626.01000	**1.000 ml**	**61,65**
15626.02500	**2.500 ml**	**129,58**

EDTA-PBS Buffer pH 6.8 - 7.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Di-sodium hydrogen phosphate dihydrate
- Sodium chloride

Preparation of buffer solutions

The EDTA-PBS buffer is an aqueous solution of EDTA disodium salt dihydrate, di-sodium hydrogen phosphate dihydrate, sodium chloride and ultrapure water. As a chelating agent, EDTA binds metal ions, enabling a wide range of applications in biological and chemical research.

Order-No.:	Amount:	Price:
12966.00100	**100 ml**	**14,24**
12966.00250	**250 ml**	**18,53**
12966.00500	**500 ml**	**24,69**
12966.01000	**1.000 ml**	**33,04**
12966.02500	**2.500 ml**	**61,29**

EDTA-PBS Buffer pH 7.1 - 7.2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Sodium dihydrogen phosphate monohydrate
- Di-sodium hydrogen phosphate dihydrate
- Sodium chloride

Preparation of buffer solutions

The EDTA-PBS buffer (pH 7.1-7.2) combines ethylenediaminetetraacetic acid (EDTA) and phosphate buffered saline (PBS) in a stable buffer solution. EDTA binds metal ions and acts as an anticoagulant and stabilizer, while PBS serves as a biological buffer. The combination of both components offers advantages in cell sample storage and reagent dilution by stabilizing pH and removing interfering metal ions.

Order-No.:	Amount:	Price:
11407.00250	**250 ml**	**18,44**
11407.00500	**500 ml**	**24,44**
11407.01000	**1.000 ml**	**32,71**
11407.02500	**2.500 ml**	**60,51**

Erylysis-Buffer pH 7.2 - 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium hydrogen carbonate
- EDTA
- ammonium chloride

Preparation of buffer solutions

Erylytic buffer is a solution for lysis of red blood cells and isolation of other cell types in hematology and cell biology. It consists of potassium hydrogen carbonate, EDTA disodium salt dihydrate, ammonium chloride and ultrapure water and has hypotonic and chelating properties.

Order-No.:	Amount:	Price:
12972.00100	**100 ml**	**15,34**
12972.00250	**250 ml**	**17,19**
12972.00500	**500 ml**	**20,07**
12972.01000	**1.000 ml**	**33,35**
12972.02500	**2.500 ml**	**64,13**

05. Buffer solutions

Erylysis-Buffer pH 7.2 - 7.4 (sterilized)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- ammonium chloride
- Potassium hydrogen carbonate
- EDTA

Preparation of buffer solutions

Erylysis Buffer pH 7.2-7.4 is a laboratory chemical used for lysis of erythrocytes in blood samples. It consists of ammonium chloride, potassium bicarbonate and EDTA disodium salt dihydrate and enables the analysis of leukocytes and other blood components in research and clinical applications.

Order-No.:	Amount:	Price:
15038.00500	**500 ml**	**53,14**
15038.01000	**1.000 ml**	**102,56**

GIEMSA Buffer pH 7,2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Use as laboratory reagent

Giemsa buffer pH 7.2 is a chemical solution used in medical diagnostics, histological procedures and laboratories. It is mainly used in hematology, especially in the staining of microorganisms, cell structures, parasites and chromosomes. The solution is composed of di-sodium hydrogen phosphate dihydrate, potassium dihydrogen phosphate and sodium benzoate, and provides a stable environment for staining.

Order-No.:	Amount:	Price:
10351.00100	**100 ml**	**11,74**
10351.00250	**250 ml**	**15,51**
10351.00500	**500 ml**	**20,36**
10351.01000	**1.000 ml**	**27,50**
10351.02500	**2.500 ml**	**50,30**

Glycin Buffer pH 9.7

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide
- Sodium chloride
- Glycine

Preparation of buffer solutions

Glycine Buffer pH 9.7 is a reliable solution for medical diagnostics, life sciences and histology. It stabilizes the pH value and provides ideal conditions for enzyme reactions and electrophoretic procedures.

Order-No.:	Amount:	Price:
14331.00100	**100 ml**	**22,86**
14331.00250	**250 ml**	**25,01**
14331.00500	**500 ml**	**36,01**
14331.01000	**1.000 ml**	**49,12**
14331.02500	**2.500 ml**	**97,04**

HANK's Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride
- Potassium chloride
- Calcium chloride
- Magnesium sulfate
-
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate
- D(+)-Glucose monohydrate
- 3,3-bis-<4-hydroxy-phenyl>-3H-benz<c><1,2>oxathiol -1,1-dioxide
- Sodium hydrogen carbonate

Staining of tissue samples

Hank's Balanced Salt Solution (HBSS) is a physiological salt solution used in cell culture and tissue research. It was developed by Dr. Thomas Hanks and contains important ions to stabilize osmotic pressure and pH. HBSS is used for irrigation, maintenance of the cellular environment, buffering and temporary storage of cells and tissues, but does not contain growth factors or proteins for cell growth.

Order-No.:	Amount:	Price:
12465.00250	**250 ml**	**28,91**
12465.00500	**500 ml**	**34,29**
12465.01000	**1.000 ml**	**47,25**

HBBS buffer cum citrate pH 7.2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium chloride
- Di-sodium hydrogen phosphate dihydrate
-
- Sodium chloride
- Calcium chloride dihydrate
- tri-Sodium citrate dihydrate
- Magnesium sulfate
- Potassium dihydrogen phosphate

Preparation of buffer solutions

Ready-to-use solution HBBS buffer cum citrate pH 7.2 for use in histology or zytology for Preparation of buffer solutions

Order-No.:	Amount:	Price:
12981.00250	**250 ml**	**26,39**
12981.00500	**500 ml**	**37,20**
12981.01000	**1.000 ml**	**52,16**

HBBS buffer sine citrate pH 7.2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride
- Di-sodium hydrogen phosphate dihydrate
- Calcium chloride dihydrate
-
- Magnesium sulfate
- Potassium dihydrogen phosphate
- Potassium chloride

Preparation of buffer solutions

Ready-to-use solution HBBS buffer sine citrate pH 7.2 for use in histology or zytology for Preparation of buffer solutions

Order-No.:	Amount:	Price:
12978.00250	**250 ml**	**26,39**
12978.00500	**500 ml**	**37,20**
12978.01000	**1.000 ml**	**52,16**

HBS-Buffer 2x Concentrate

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Potassium chloride
-
- Sodium chloride
- Sodium di-hydrogen Phosphat 2-hydrate
-

Preparation of buffer solutions

HBS Buffer 2x Concentrate is a buffer solution used in laboratory applications such as cell culture and molecular biology. It mimics the cellular environment and stabilizes the pH by HEPES, sodium chloride, potassium chloride and sodium dihydrogen phosphate dihydrate. D-(+)-glucose serves as an energy source.

Order-No.:	Amount:	Price:
15213.00100	**100 ml**	**34,14**
15213.00250	**250 ml**	**49,05**
15213.00500	**500 ml**	**78,12**
15213.01000	**1.000 ml**	**100,82**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

05. Buffer solutions

Hemolysis Buffer

Lagerung: *Bei 4°C*

Relevant Incredients:
- ammonium chloride
- Potassium hydrogen carbonate
- Ethylenediaminetetraacetic acid

Preparation of buffer solutions

Hemolysis buffer is a chemical solution used in biomedical research and clinical laboratories to selectively disrupt red blood cells to isolate other cell types, especially white blood cells. This enables more precise and reliable results in procedures such as flow cytometry, cell culture experiments and immunological assays.

Order-No.:	Amount:	Price:
12146.00100	**100 ml**	**20,84**
12146.00250	**250 ml**	**22,19**
12146.00500	**500 ml**	**25,88**
12146.01000	**1.000 ml**	**35,86**
12146.02500	**2.500 ml**	**71,66**

KOVACS' Solution (PBS-buffer with TMPD)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dihydrogen phosphate
- Di-sodium hydrogen phosphate dihydrate
- N,N,N',N'-Tetramethyl-p-phenylendiamin

Oxidase assay for the determination of oxidase activity

KOVACS reagent, consisting of PBS and TMPD, is an important tool in medical diagnostics and histology. It enables preservation of cell structures and precise differentiation between oxidase-positive and -negative bacteria, improves bacterial classification, and provides a robust method for studying microbial patterns and cell behavior in histological specimens.

Order-No.:	Amount:	Price:
15993.00100	**100 ml**	**32,61**
15993.00250	**250 ml**	**72,09**
15993.00500	**500 ml**	**124,56**
15993.01000	**1.000 ml**	**239,95**
15993.02500	**2.500 ml**	**550,26**

Legionella acid buffer (HCl-/KCl buffer, pH 2.2), autoclaved

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium chloride
- Hydrochloric Acid 37%

Reduction of accompanying flora during membrane filtration of Legionella samples.

The Legionella acid buffer (HCl/KCl buffer) with pH 2.2 is an autoclaved buffer mainly used in microbiology to optimize Legionella studies. The acidic environment inhibits the growth of other bacteria and promotes that of Legionella. Autoclaving ensures sterility and prevents contamination.

Order-No.:	Amount:	Price:
12644.00250	**250 ml**	**21,52**
12644.00500	**500 ml**	**33,99**
12644.01000	**1.000 ml**	**52,45**

MICHAELIS' Buffer

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 0.1 mol/l
- Sodium chloride
- Sodium acetat
- Aqua bidest / purified water

Preparation of buffer solutions

The Michaelis buffer is a buffer solution used in biological, biochemical and histological experiments to stabilize pH and ensure optimal conditions for biological processes and enzyme activities. The main component is barbituric acid sodium salt, supplemented by hydrochloric acid, sodium chloride, sodium acetate and ultrapure water.

Order-No.:	Amount:	Price:
12404.00100	**100 ml**	**20,59**
12404.00250	**250 ml**	**26,43**
12404.00500	**500 ml**	**30,82**
12404.01000	**1.000 ml**	**55,26**
12404.02500	**2.500 ml**	**109,11**

MICHAELIS' Buffer Stock Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetate tri-hydrate

Preparation of buffer solutions

The Michaelis Buffer Stock Solution is used in histology and pathology to stabilize the pH value in various staining processes and enzymatic reactions. It is based on an aqueous solution with barbituric acid sodium salt and sodium acetate trihydrate as buffer components and is well suited for precise pH controls.

Order-No.:	Amount:	Price:
12818.00100	**100 ml**	**26,53**
12818.00250	**250 ml**	**33,07**
12818.00500	**500 ml**	**43,91**
12818.01000	**1.000 ml**	**83,86**
12818.02500	**2.500 ml**	**179,55**

MiICHAELIS' Buffer / Electrophoresis Buffer pH 8.6

Lagerung: *15 … 25 °C*

Relevant Incredients:
- 5,5-Diethyl-2,4,6(1H,3H,5H)-pyrimidintrion
- Benzoic acid, 4-hydroxy-, methyl ester, sodium salt
- Sodium azide

Medical diagnostics, electrophoresis

The Michaelis buffer (pH 8.6) is used in scientific and medical fields, especially in electrophoresis procedures. It promotes separation efficiency and reproducibility due to its stable alkaline environment and enables optimal conditions in medical diagnostics.

Order-No.:	Amount:	Price:
13949.00100	**100 ml**	**51,29**
13949.00250	**250 ml**	**118,87**
13949.00500	**500 ml**	**232,25**
13949.01000	**1.000 ml**	**441,74**
13949.02500	**2.500 ml**	**1008,54**

PBS Buffer - 10x Concentrate

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride
- Di-sodium hydrogen phosphate dihydrate
- Potassium chloride
- Potassium dihydrogen phosphate

Preparation of buffer solutions

The PBS buffer concentrate is an important reagent in biological laboratories and is suitable as a rinsing solution and buffer solution for biochemical reactions. It keeps the environment of cells and tissues stable and enables reliable results. Chemically, it consists of salts and regulates the proton balance in solution to keep the pH stable. It is used for various procedures in cell culture and microscopy.

Order-No.:	Amount:	Price:
13684.00250	**250 ml**	**16,03**
13684.00500	**500 ml**	**17,56**
13684.01000	**1.000 ml**	**30,38**

05. Buffer solutions

PBS Buffer - Concentrate

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate
- Sodium chloride

Preparation of buffer solutions

PBS buffer concentrate is used in many applications such as cell culture, molecular biology, immunohistochemistry and protein extraction to provide a stable environment for biological samples. It is composed of di-sodium hydrogen phosphate, potassium dihydrogen phosphate and sodium chloride and has a pH of 5.9 to 6.1, which can be adjusted to a physiological pH of 7.0 to 7.4 by dilution. The buffering capacity of the phosphate groups compensates for fluctuations in pH, while the ionic strength regulates osmotic pressure and helps to preserve cell morphology.

Order-No.:	Amount:	Price:
11170.00250	**250 ml**	**21,84**
11170.00500	**500 ml**	**24,29**
11170.01000	**1.000 ml**	**48,64**

PBS Buffer after DULBECC,O pH 7.2 - 10x Conc.

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Potassium chloride
- Potassium dihydrogen phosphate
- Sodium chloride
- Di-sodium hydrogen phosphate dihydrate

Preparation of buffer solutions

PBS buffer (pH 7.2 - 10x conc.) is an important buffer solution in cell and molecular biology as well as in immunoassay techniques and protein purification. The chemical mode of operation is based on the combination of phosphate salts and chlorides to maintain a stable pH at near neutral and physiological conditions.

Order-No.:	Amount:	Price:
12862.00100	**100 ml**	**14,30**
12862.00250	**250 ml**	**16,11**
12862.00500	**500 ml**	**19,03**
12862.01000	**1.000 ml**	**30,70**
12862.02500	**2.500 ml**	**57,99**

PBS Buffer pH 6.8

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Use as laboratory reagent

Ready-to-use solution PBS Buffer pH 6.8 for use in histology or zytology for Use as laboratory reagent

Order-No.:	Amount:	Price:
12778.00100	**100 ml**	**15,69**
12778.00250	**250 ml**	**18,19**
12778.00500	**500 ml**	**23,63**
12778.01000	**1.000 ml**	**31,67**
12778.02500	**2.500 ml**	**58,09**

PBS Buffer pH 6.8 - 7.0

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Sodium chloride

Preparation of buffer solutions

PBS Buffer pH 6.8-7.0 is a specially developed solution for research, biotechnology and cell biology applications. The solution provides a stable buffer system for biological and biochemical applications with a pH of 6.8-7.0. It is used in cell culture media, enzymatic reactions, immunological assays and protein purification procedures. The high purity and consistency ensure reproducible results.

Order-No.:	Amount:	Price:
12757.00100	**100 ml**	**11,49**
12757.00250	**250 ml**	**15,22**
12757.00500	**500 ml**	**20,13**
12757.01000	**1.000 ml**	**27,17**

PBS buffer ph 7.1 -7.2

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium di-hydrogen Phosphat 2-hydrate
- Potassium dihydrogen phosphate
- Sodium chloride

Use as laboratory reagent

Ready-to-use solution PBS buffer ph 7.1 -7.2 for use in histology or zytology for Use as laboratory reagent

Order-No.:	Amount:	Price:
11877.00100	**100 ml**	**32,75**
11877.00250	**250 ml**	**40,15**
11877.00500	**500 ml**	**86,06**
11877.01000	**1.000 ml**	**112,20**
11877.02500	**2.500 ml**	**246,87**

PBS Buffer pH 7.2 - 10x concentrate

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium chloride
- Sodium dihydrogen phosphate monohydrate
- Sodium hydroxide

Preparation of buffer solutions

Phosphate Buffered Saline (PBS) buffer is a common buffer solution in biology and biochemistry with a pH of 7.2. The 10x concentrate is used for easy preparation of working solutions and contains sodium phosphate and sodium chloride for buffer capacity and osmotic balance, important for cell culture, immunoassays and protein purification.

Order-No.:	Amount:	Price:
11232.00250	**250 ml**	**16,43**
11232.00500	**500 ml**	**23,92**
11232.01000	**1.000 ml**	**31,99**
11232.02500	**2.500 ml**	**60,98**
11232.05000	**5.000 ml**	**102,87**
11232.10000	**10.000 ml**	**149,67**

PBS Buffer pH 7.2 with Potassium Azide (A)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium chloride
- Di-sodium hydrogen phosphate dihydrate
- Sodium dihydrogen phosphate monohydrate
- Sodium azide

Preparation of buffer solutions

The PBS buffer is a stable solution used mainly in cell culture, immunohistochemistry and flow cytometry. Isotonicity preserves cell morphology and viability, while sodium azide serves as a preservative. The buffer is also used in immunoassays and Western blot applications.

Order-No.:	Amount:	Price:
13737.00100	**100 ml**	**26,19**
13737.00250	**250 ml**	**35,40**
13737.00500	**500 ml**	**48,51**
13737.01000	**1.000 ml**	**68,36**

PBS Buffer pH 7.4 - 20x Concentrate

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium dihydrogen phosphate monohydrate
- Di-sodium hydrogen phosphate dihydrate
- Sodium chloride
- Aqua dest. / pure water

Preparation of buffer solutions

The 20x concentrated PBS buffer (Phosphate Buffered Saline) is a buffer solution that must be diluted before use. It stabilizes pH and mimics osmotic conditions for cells and tissues in biological and biochemical experiments. Applications include cell culture, immunoassays and protein purification.

Order-No.:	Amount:	Price:
11761.00250	**250 ml**	**20,55**
11761.00500	**500 ml**	**21,86**
11761.01000	**1.000 ml**	**41,15**

05. Buffer solutions

PBS buffer pH 7.4 (A)

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Potassium dihydrogen phosphate
- Sodium chloride
-

Preparation of buffer solutions

PBS Buffer pH 7.4 (A) is a biocompatible buffer solution for use in research, biotechnology, cell biology, histology and related disciplines. The solution provides stable buffer system and optimal ionic strength and pH stability for biological processes. Ideal for cell culture, immunohistochemistry, protein and nucleic acid purification.

Order-No.:	Amount:	Price:
12754.00250	**250 ml**	**23,68**
12754.00500	**500 ml**	**35,01**
12754.01000	**1.000 ml**	**46,33**
12754.02500	**2.500 ml**	**90,41**

PBS Buffer pH 7.4 (B)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate
- Sodium chloride

Preparation of buffer solutions

Ready-to-use solution PBS Buffer pH 7.4 (B) for use in histology or zytology for Preparation of buffer solutions

Order-No.:	Amount:	Price:
14817.00100	**100 ml**	**12,72**
14817.00250	**250 ml**	**15,16**
14817.00500	**500 ml**	**19,93**
14817.01000	**1.000 ml**	**26,93**
14817.02500	**2.500 ml**	**49,28**

PBS Buffer pH 7.45

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Sodium dihydrogen phosphate monohydrate
- Sodium chloride

Use as laboratory reagent

The PBS buffer pH 7.45 is used in biological research to keep the pH value stable in experiments. Due to contained phosphate salts and sodium chloride it enables stable osmotic conditions and is used for reconstitution, dilution and washing of cells. The buffer capacity is in the range of pH 7.2 to 7.8.

Order-No.:	Amount:	Price:
15384.00100	**100 ml**	**12,88**
15384.00250	**250 ml**	**15,63**
15384.00500	**500 ml**	**21,40**
15384.01000	**1.000 ml**	**28,79**
15384.02500	**2.500 ml**	**53,58**

PBS buffer, pH 7.2 (isotonic with sodium chloride)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium dihydrogen phosphate monohydrate
- Di-sodium hydrogen phosphate dihydrate
- Sodium chloride

Preparation of buffer solutions

The PBS buffer, pH 7.2, is a solution of sodium dihydrogen phosphate monohydrate, di-sodium hydrogen phosphate dihydrate and sodium chloride, which is used in cell biology, molecular biology and immunology. Its composition allows to keep the pH stable at 7.2 and to ensure an osmotic balance, which characterizes its suitability for biological and biochemical applications.

Order-No.:	Amount:	Price:
12865.00250	**250 ml**	**15,17**
12865.00500	**500 ml**	**19,96**
12865.01000	**1.000 ml**	**26,96**
12865.05000	**5.000 ml**	**88,16**

PBS buffer, pH 7.4 - 10x concentrate

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Preparation of buffer solutions

The PBS buffer is a common buffer solution in biology and biochemistry with a pH of 7.4. The 10x concentrate is used for easy preparation of working solutions. The solution contains sodium phosphate and sodium chloride and is used in cell culture, immunoassays, protein purification and molecular experiments.

Order-No.:	Amount:	Price:
11237.00100	**100 ml**	**13,03**
11237.00250	**250 ml**	**16,05**
11237.00500	**500 ml**	**22,72**
11237.01000	**1.000 ml**	**30,46**
11237.02500	**2.500 ml**	**57,44**
11237.05000	**5.000 ml**	**95,80**

PBS buffer, pH 7.4 - ready for use

Lagerung: *15 … 25 °C*

Relevant Incredients:
- PBS Buffer pH 7.4 - 10x concentrate

Preparation of buffer solutions

The PBS Buffer, pH 7.4 is a ready-to-use solution used in laboratories, medical diagnostics and research applications. It consists of sodium chloride, di-sodium hydrogen phosphate dihydrate and potassium dihydrogen phosphate, stabilizes pH, maintains osmolarity and facilitates interactions of biological samples. It is valuable for biomedical research and clinical diagnostics.

Order-No.:	Amount:	Price:
16146.00100	**100 ml**	**12,91**
16146.00250	**250 ml**	**17,00**
16146.00500	**500 ml**	**22,80**
16146.01000	**1.000 ml**	**30,60**
16146.02500	**2.500 ml**	**56,71**
16146.05000	**5.000 ml**	**92,60**
16146.10000	**10.000 ml**	**166,58**

PBS Stabilization Buffer with PAGGS-M & Histidine I

Lagerung: *15 … 25 °C*

Relevant Incredients:
- D(+)-Glucose monohydrate
- Sodium di-hydrogen Phosphat 2-hydrate
- Di-sodium hydrogen phosphate dihydrate
-
-
-
- Glyoxalin-5-alanin
- Potassium dihydrogen phosphate

Transport stabilization of proteins

PBS Stabilization Buffer with PAGGS-M & Histidine I is a laboratory chemical for biological and biochemical applications. It stabilizes proteins, enzymes and biomolecules, maintains their activity and structure at different pH and environments. The composition ensures stable pH, ionic strength, redox balance and prevents protein aggregation. Mannitol protects cells from dehydration and histidine increases the stability of proteins.

Order-No.:	Amount:	Price:
14984.00100	**100 ml**	**24,89**
14984.00250	**250 ml**	**38,34**
14984.00500	**500 ml**	**46,53**
14984.01000	**1.000 ml**	**94,94**
14984.02500	**2.500 ml**	**205,86**

PBS stock solution for iliac crest

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride
- Potassium dihydrogen phosphate
- Di-sodium hydrogen phosphate dihydrate

preparation of buffer solutions

Ready-to-use solution PBS stock solution for iliac crest for use in histology or zytology for preparation of buffer solutions

Order-No.:	Amount:	Price:
19431.00100	**100 ml**	**12,48**
19431.00250	**250 ml**	**28,57**
19431.00500	**500 ml**	**36,32**
19431.01000	**1.000 ml**	**48,37**
19431.02500	**2.500 ml**	**96,83**

05. Buffer solutions

Phosphate Buffer 0.067 mol/l, pH 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Use as laboratory reagent

Phosphate buffer 0.067 mol/l, pH 7.4 is an important component in biological and biochemical applications. It enables the maintenance of stable conditions for proteins and enzymes in experiments, cell culture media and enzymatic reactions. The solution supports osmotic pressure in cell cultures and contains sodium azide as a preservative.

Order-No.:	Amount:	Price:
15312.00100	**100 ml**	**15,05**
15312.00250	**250 ml**	**21,63**
15312.00500	**500 ml**	**28,64**
15312.01000	**1.000 ml**	**38,11**
15312.02500	**2.500 ml**	**70,91**

Phosphate Buffer 0.1 mol/l, pH 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Use as a buffer

Phosphate buffer 0.1 mol/l, pH 7.4 is an important reagent for biochemical and biological applications. It is based on sodium and potassium phosphates and enables a stable pH in biological systems. This is critical for protein and enzyme function and is used in cell culture media and enzymatic reactions. The solution has physiological osmolarity and contains sodium azide as a preservative.

Order-No.:	Amount:	Price:
15306.00100	**100 ml**	**15,12**
15306.00250	**250 ml**	**21,81**
15306.00500	**500 ml**	**29,19**
15306.01000	**1.000 ml**	**38,83**
15306.02500	**2.500 ml**	**72,60**

Phosphate Buffer 0.2 mol/l, pH 7.2 - 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium dihydrogen phosphate monohydrate
- Di-sodium hydrogen phosphate dihydrate

Use as laboratory reagent

Phosphate buffer (0.2 mol/l, pH 7.2-7.4) is ideal for biological and biochemical reactions, especially DNA and RNA extraction, protein purification and cell culture. It provides high buffering capacity and stability in slightly alkaline environments and prevents microbial contamination.

Order-No.:	Amount:	Price:
14285.00100	**100 ml**	**10,99**
14285.00250	**250 ml**	**15,58**
14285.00500	**500 ml**	**21,26**
14285.01000	**1.000 ml**	**28,61**
14285.02500	**2.500 ml**	**53,17**

Phosphate buffer according to SORENSEN pH 7.38

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dihydrogen phosphate
- Di-sodium hydrogen phosphate dihydrate

Preparation of buffer solutions

Sörensen pH 7.38 phosphate buffer is a buffer consisting of potassium dihydrogen phosphate and di-sodium hydrogen phosphate dihydrate used in biochemistry, molecular biology and analytical chemistry to maintain pH in an optimal range. Its chemical properties allow effective buffering and ensure optimal conditions for enzymes, proteins and cell cultures.

Order-No.:	Amount:	Price:
12859.00100	**100 ml**	**13,41**
12859.00250	**250 ml**	**16,06**
12859.00500	**500 ml**	**21,58**
12859.01000	**1.000 ml**	**29,03**
12859.02500	**2.500 ml**	**53,72**

Phosphate buffer pH 6.8 / PBS buffer pH 6.8

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

pH value adjustment, titration

Phosphate buffer pH 6.8, also called PBS buffer, is an aqueous solution used in histology, medical diagnostics and scientific laboratories. Thanks to its buffering capacity, it stabilizes the pH value and enables reliable, reproducible results in various experiments, such as immunostaining and cell culture media.

Order-No.:	Amount:	Price:
17686.00100	**100 ml**	**15,37**
17686.00250	**250 ml**	**22,01**
17686.00500	**500 ml**	**28,89**
17686.01000	**1.000 ml**	**38,46**
17686.02500	**2.500 ml**	**71,26**

Phosphate Buffer pH 6.9

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Use as laboratory reagent

Phosphate buffer pH 6.9 is widely used in laboratories, especially in biochemistry and molecular biology, to maintain pH balance and enzymatic activity in biochemical reactions. Its stability makes it ideal for medical diagnostics and life sciences.

Order-No.:	Amount:	Price:
14269.00100	**100 ml**	**14,95**
14269.00250	**250 ml**	**21,32**
14269.00500	**500 ml**	**27,69**
14269.01000	**1.000 ml**	**36,89**

Phosphate Buffer pH 7,2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Use as laboratory reagent

Ready-to-use solution Phosphate Buffer pH 7,2 for use in histology or zytology for Use as laboratory reagent

Order-No.:	Amount:	Price:
10384.00100	**100 ml**	**11,47**
10384.00250	**250 ml**	**15,16**
10384.00500	**500 ml**	**19,91**
10384.01000	**1.000 ml**	**26,90**
10384.02500	**2.500 ml**	**49,21**

Phosphate Buffer pH 7.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Use as laboratory reagent

Phosphate buffer pH 7.0 is used in medical, histological and scientific laboratories, especially for stabilizing enzymes and maintaining a constant pH in biological reactions. The solution consists of di-sodium hydrogen phosphate dihydrate, potassium dihydrogen phosphate and sodium azide in aqua bidest. The buffer capacity is optimal in this pH range and allows stable experiments and analyses.

Order-No.:	Amount:	Price:
17354.00100	**100 ml**	**16,99**
17354.00250	**250 ml**	**21,80**
17354.00500	**500 ml**	**29,16**
17354.01000	**1.000 ml**	**38,79**
17354.02500	**2.500 ml**	**72,51**
17354.05000	**5.000 ml**	**118,98**
17354.10000	**10.000 ml**	**216,45**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

05. Buffer solutions

Product	Description	Order Information		
Phosphate Buffer pH 7.4 (Sodium Phosphate)		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Sodium dihydrogen phosphate monohydrate • Di-sodium hydrogen phosphate dihydrate	**Preparation of buffer solutions** The Phosphate Buffer pH 7.4 is used in in vitro diagnostics to ensure a stable buffer effect in biochemical tests. It enables precise and reliable results by preventing unwanted chemical changes and creating an optimal environment for cellular processes and biochemical reactions.	15257.00100 15257.00250 15257.00500 15257.01000 15257.02500	**100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	**18,80** **21,62** **28,60** **38,06** **70,78**
Phosphate Buffer Stock Solution 0.2 mol/l		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Sodium dihydrogen phosphate monohydrate • Di-sodium hydrogen phosphate dihydrate	**Preparation of buffer solutions** The 0.2 mol/l Phosphate Buffer Stock Solution is a concentrated solution of sodium dihydrogen phosphate and disodium hydrogen phosphate used to prepare buffer solutions in biological and chemical laboratories. It allows the adjustment of pH values between 6.0 and 8.0 to stabilize proteins, nucleic acids or cell culture media.	11588.00250 11588.00500 11588.01000	**250 ml** **500 ml** **1.000 ml**	**17,67** **19,81** **35,27**
Phosphate Buffer with NaCl, pH 7.2		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Di-sodium hydrogen phosphate dihydrate • Sodium chloride • Potassium dihydrogen phosphate	**Use as laboratory reagent** Phosphate buffer with NaCl, pH 7.2, is used in scientific applications such as histology and life sciences to keep pH constant. It consists of di-sodium hydrogen phosphate dihydrate, sodium chloride and potassium dihydrogen phosphate in water.	14279.00100 14279.00250 14279.00500 14279.01000 14279.02500	**100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	**14,98** **21,41** **27,97** **37,25** **68,86**
Phosphate buffered NaCl solution 9%, pH 7.3 - 7.5% 10x concentrate		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Sodium di-hydrogen Phosphat 2-hydrate • Sodium fluoride • Potassium chloride • Sodium chloride • Di-sodium hydrogen phosphate dihydrate	**Preparation of buffer solutions** Ready-to-use solution Phosphate buffered NaCl solution 9%, pH 7.3 - 7.5% 10x concentrate for use in histology or zytology for Preparation of buffer solutions	14351.00100 14351.00250 14351.00500 14351.01000	**100 ml** **250 ml** **500 ml** **1.000 ml**	**13,27** **16,74** **21,33** **33,22**
Phosphate Citrate Buffer pH 5.0		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Citric acid • Di-sodium hydrogen phosphate dihydrate	**Citric acid-phosphate buffer according to McIlvaine** The Phosphate Citrate Buffer Solution pH 5.0 is essential in biochemical and medical research, especially in histology and medical diagnostics. It provides optimal conditions for enzymes and proteins by stabilizing the pH. The solution consists of citric acid and di-sodium hydrogen phosphate, which form a buffer system that remains stable even during temperature fluctuations.	14544.00100 14544.00250 14544.00500 14544.01000 14544.02500	**100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	**11,88** **16,35** **18,30** **31,66** **60,24**
Potassium Citrate Buffer pH 7.0		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • trikaliumcitratmonohydrat • Citric acid	**Preparation of buffer solutions** Potassium citrate buffer pH 7.0 is an aqueous solution that stabilizes pH in biological and chemical experiments and is used in the food and beverage industry to optimize taste and consistency. The buffer is based on the buffering capacity of citrate and keeps the pH close to physiological conditions.	12924.00100 12924.00250 12924.00500 12924.01000	**100 ml** **250 ml** **500 ml** **1.000 ml**	**17,95** **23,02** **30,98** **58,37**
Potassium Citrate Fixation-Buffer pH 7.0		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Potassium Citrate Buffer pH 7.0 • Magnesiumsulfat-Heptahydrat • Ethylmaleinimid-N	**Preparation of buffer solutions** Potassium Citrate Fixation Buffer pH 7.0 contains potassium citrate buffer, MgSO4-7H2O and N-ethylmaleimide and is used to preserve cellular structures and biomolecules in cell and tissue fixation. The buffer ensures a stable pH environment, regulates ionic strength, and modifies thiol residues in proteins to prevent nonspecific interactions for reliable analysis.	12921.00250 12921.00500 12921.01000	**250 ml** **500 ml** **1.000 ml**	**23,28** **31,51** **59,39**
Potassium Phosphate Buffer pH 7.4		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Potassium dihydrogen phosphate • Di-kaliumhydrogenphosphat	**pH regulation in biochemistry** Potassium phosphate buffer pH 7.4 is an important solution in medical and scientific laboratories. It is used in biological and biochemical experiments to maintain stable pH and can be used in histology as a component of staining and fixing solutions. The solution consists of potassium dihydrogen phosphate and dipotassium hydrogen phosphate and provides stable experimental results.	17055.00100 17055.00250 17055.00500 17055.01000 17055.02500	**100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	**21,59** **27,82** **33,99** **45,36** **89,68**

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05. Buffer solutions

Product	Description	Order Information		
RINGER's Solution pH 7.2 (Base without Serum)		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Sodium chloride • Potassium chloride • Calcium chloride dihydrate • • Magnesium sulfate	**Use as laboratory reagent** RINGER Solution pH 7.2 is used in histology and pathology as a physiological buffer and rinsing system to maintain the osmotic pressure and pH of biological specimens. The solution contains salts and thus ensures optimal conditions for the analysis of cell and tissue samples.	12799.00250 12799.00500 12799.01000	**250 ml** **500 ml** **1.000 ml**	**31,42** **36,24** **68,51**
SCC Stock Solution ph 7.0		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Sodium chloride • tri-Sodium citrate dihydrate	**Washing and storage of nucleic acids** The SSC stock solution pH 7.0 is relevant in biochemistry for nucleic acid applications such as Southern blot or in situ hybridization. The high concentration of sodium chloride and trisodium citrate ensures the stability of nucleic acids during experimental processes.	14274.00100 14274.00250 14274.00500 14274.01000	**100 ml** **250 ml** **500 ml** **1.000 ml**	**16,05** **24,74** **34,59** **65,25**
Sodium Acetate Buffer		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Sodium acetate tri-hydrate	**Preparation of buffer solutions** Sodium acetate buffer is a chemical solution used in biomedical research and clinical laboratories. It serves as a stabilizing medium for laboratory chemistry and microscopy procedures, improves the quality of stains in histology and cytology, and optimizes conditions for enzymatic reactions in molecular biology.	12142.00100 12142.00250 12142.00500 12142.01000	**100 ml** **250 ml** **500 ml** **1.000 ml**	**17,46** **21,61** **32,91** **52,72**
Sodium Acetate Buffer pH 5.9		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Sodium acetat	**Use as laboratory reagent** Sodium acetate buffer pH 5.9 is a highly specific reagent for biochemical, molecular biological and analytical applications, especially for DNA precipitation. It stabilizes the pH of a solution and allows precise control in experiments.	14213.00100 14213.00250 14213.00500 14213.01000	**100 ml** **250 ml** **500 ml** **1.000 ml**	**15,03** **21,56** **28,43** **37,84**
Sodium acetate solution ~ 0.2 mol/l		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Sodium acetat	**Use as laboratory reagent** Sodium acetate solution ~ 0.2 mol/l is a versatile laboratory chemical used mainly as a buffer in chemical reactions and for pH regulation in biological systems. It can help stabilize sensitive substances and reactions and is used in medical, pharmaceutical and biochemical research.	14811.00100 14811.00250 14811.00500 14811.01000 14811.02500	**100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	**16,93** **21,62** **28,63** **38,09** **70,86**
Sodium Chloride-Phosphate Buffer pH 7.5		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Di-sodium hydrogen phosphate dihydrate • Potassium dihydrogen phosphate • Sodium chloride • Potassium chloride	**Use as laboratory reagent** Sodium Chloride Phosphate Buffer pH 7.5 is a stable medium for laboratory applications such as DNA/RNA extraction and protein purification. It provides a slightly alkaline pH environment corresponding to physiological conditions and prevents the growth of microorganisms through sodium azide.	14291.00100 14291.00250 14291.00500 14291.01000 14291.02500	**100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	**14,98** **21,43** **28,02** **37,31** **69,01**
Sodium citrate buffer pH 7.0		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Dinatriumhydrogenorthophosphat • Citric Acid 20 %	**Use as laboratory reagent** Sodium Citrate Buffer pH 7.0 is a solution of di-sodium hydrogen phosphate and citric acid. It stabilizes the pH value in medical diagnostics and scientific laboratories. In histology, the buffer is used for antigen unmasking in immunohistochemistry to modify protein structure and improve staining quality.	18685.00100 18685.00250 18685.00500 18685.01000 18685.02500	**100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	**15,26** **18,87** **31,61** **41,75** **83,56**
Sodium Phosphate Buffer 0.1 mol/l, pH 7.4		Order-No.:	Amount:	Price:
Lagerung: *15 … 25 °C* Relevant Incredients: • Di-sodium hydrogen phosphate dihydrate • Sodium di-hydrogen Phosphat 2-hydrate	**Use as laboratory reagent** Sodium phosphate buffer (0.1 mol/l, pH 7.4) is an important component in biochemical and biological laboratory experiments. It enables the maintenance of a stable pH in biological systems and is well suited for applications where strict pH control is crucial.	15493.00100 15493.00250 15493.00500 15493.01000 15493.02500	**100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	**11,55** **15,41** **20,70** **27,89** **51,51**

05. Buffer solutions

SORENSEN buffer pH 7.38 - 5x concentrate (sterile filtered)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Sodium dihydrogen phosphate monohydrate

Preparation of buffer solutions

Sörensen Buffer pH 7.38 - 5x Concentrate is suitable for laboratory applications that require a strictly controlled chemical environment. It stabilizes pH at 7.38, which is important for biochemical and cellular processes. Sterilized and concentrated, it allows flexible adjustments and reduces microbial contamination. Applications range from microbiological cultures to enzymatic reactions and cell culture media.

Order-No.:	Amount:	Price:
16802.00500	**500 ml**	**88,29**
16802.01000	**1.000 ml**	**117,85**

Sörensen buffer pH 7.38 (autoclaved)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Sodium dihydrogen phosphate monohydrate

Preparation of buffer solutions

The Sörensen Buffer pH 7.38 is a sterilized solution used in biochemical, microbiological and cell biological applications to maintain a stable and neutral pH environment. It stabilizes the proton concentration, minimizes pH fluctuations and enables reliable, reproducible results in experiments where pH stability and freedom from contamination are required.

Order-No.:	Amount:	Price:
15061.00500	**500 ml**	**82,67**
15061.01000	**1.000 ml**	**110,74**

SOERENSEN's Buffer / PBS Buffer Stock Solution A

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dihydrogen phosphate

Preparation of buffer solutions

The Sörensen buffer, also called PBS buffer, is an aqueous buffer solution used in biology, biochemistry and histology. It consists of two stock solutions (A and B) and is used to stabilize the pH in samples during experiments. Applications include cell culture media, immunohistochemistry and protein solutions.

Order-No.:	Amount:	Price:
11983.00250	**250 ml**	**15,23**
11983.00500	**500 ml**	**20,14**
11983.01000	**1.000 ml**	**27,19**
11983.02500	**2.500 ml**	**49,89**

SOERENSEN's Buffer / PBS Buffer Stock Solution B

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate

Preparation of buffer solutions

Sörensen buffer or PBS buffer is an aqueous buffer solution used in biology, biochemistry and histology. It consists of two stock solutions (A and B) and is used to stabilize pH in experiments. Applications include cell culture media, immunohistochemistry and protein solutions.

Order-No.:	Amount:	Price:
11987.00250	**250 ml**	**16,33**
11987.00500	**500 ml**	**21,75**
11987.01000	**1.000 ml**	**29,28**
11987.02500	**2.500 ml**	**53,97**

SOERENSEN's Buffer pH 6,8

Lagerung: *15 … 25 °C*

Relevant Incredients:
- SOERENSEN's Buffer / PBS Buffer Stock Solution B
- SOERENSEN's Buffer / PBS Buffer Stock Solution A

Preparation of buffer solutions

Ready-to-use solution SOERENSEN's Buffer pH 6,8 for use in histology or zytology for Preparation of buffer solutions

Order-No.:	Amount:	Price:
18353.00100	**100 ml**	**10,43**
18353.00250	**250 ml**	**14,10**
18353.00500	**500 ml**	**25,05**
18353.01000	**1.000 ml**	**30,02**
18353.02500	**2.500 ml**	**58,09**

SOERENSEN's Buffer pH 7.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Potassium dihydrogen phosphate

Preparation of buffer solutions

The Sörensen buffer with a pH of 7.0, also known as phosphate-buffered saline (PBS), is an important solution for biological and biochemical experiments. It is used to stabilize the pH in biological systems and is particularly suitable for applications that mimic natural conditions, such as cell culture, histological staining and immunoassays.

Order-No.:	Amount:	Price:
12127.00250	**250 ml**	**17,05**
12127.00500	**500 ml**	**22,83**
12127.01000	**1.000 ml**	**30,66**
12127.02500	**2.500 ml**	**56,74**

SOERENSEN's Buffer pH 7.2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dihydrogen phosphate
- Di-sodium hydrogen phosphate dihydrate

Preparation of buffer solutions

Ready-to-use solution SOERENSEN's Buffer pH 7.2 for use in histology or zytology for Preparation of buffer solutions

Order-No.:	Amount:	Price:
11830.00250	**250 ml**	**15,35**
11830.00500	**500 ml**	**20,51**
11830.01000	**1.000 ml**	**27,66**

SORENSEN's Buffer pH 7.38, sterile (2x concentrate)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate
- Sodium dihydrogen phosphate monohydrate

Preparation of buffer solutions

Sörensen Buffer pH 7.38 - 2x Concentrate is a buffer solution specially developed for laboratory and research use, ensuring a stable pH value close to 7.38. The sterile filtered solution minimizes contamination risks and is applicable for cellular investigations up to biochemical reaction studies.

Order-No.:	Amount:	Price:
14562.00500	**500 ml**	**87,64**
14562.01000	**1.000 ml**	**117,48**

05. Buffer solutions

Substrate Buffer for Alkaline Phosphatase

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium azide
-
- 2-(2-hydroxy-ethylamino)-ethanol
- Hydrochloric Acid 37%

Preparation of buffer solutions

A substrate buffer is used to facilitate the enzymatic conversion of substrates by alkaline phosphatase by creating an optimal environment. Diethanolamine acts as a buffering agent and magnesium chloride as a cofactor, while sodium azide acts as a bactericidal agent. The buffer is used in medical diagnostics and life sciences, especially in immunohistochemistry and ELISA procedures.

Order-No.:	Amount:	Price:
13873.00100	**100 ml**	**13,32**
13873.00250	**250 ml**	**33,49**
13873.00500	**500 ml**	**34,05**
13873.01000	**1.000 ml**	**65,55**
13873.02500	**2.500 ml**	**137,62**

TBE buffer - 10x concentrate

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS
- Boric acid 99,5% ph.Eur.
- EDTA

Agarose gel electrophoresis

TBE buffer stands for TRIS-borate-EDTA buffer and consists of a solution of:

- TRIS (tris-(hydroxymethyl)-aminomethane),
- borate (anion of boric acid) and
- EDTA (ethylenediaminetetraacetic acid)

TBE buffer is used in agarose gel electrophoresis. Usually, 0.5-fold or 1-fold concentrated TBE buffer is used. The TRIS and boric acid concentrations are usually identical, the EDTA concentration is between 1 and 2 mM, The pH is usually adjusted to a value between 8 and 8.9.

Order-No.:	Amount:	Price:
13901.00100	**100 ml**	**21,15**
13901.00250	**250 ml**	**53,00**
13901.00500	**500 ml**	**65,80**
13901.01000	**1.000 ml**	**128,07**
13901.02500	**2.500 ml**	**283,63**

TBE buffer 0.5X

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS
- Boric acid 99,5% ph.Eur.
- Ethylenediaminetetraacetic acid

Use as laboratory reagent

TBE Buffer 0.5X is an aqueous solution of tris-boric acid and EDTA used for the electrophoretic separation of nucleic acids and proteins and for stabilizing cell samples for DNA analysis.

Order-No.:	Amount:	Price:
19511.00100	**100 ml**	**17,44**
19511.00250	**250 ml**	**18,74**
19511.00500	**500 ml**	**25,37**
19511.01000	**1.000 ml**	**33,91**
19511.02500	**2.500 ml**	**63,33**

Tri-Sodium Citrate 3.13 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- tri-Sodium citrate dihydrate

in vitro anticoagulants

The 3.13% tri-sodium citrate solution is a proven anticoagulant in medical diagnostics that prevents blood clotting by binding calcium ions, thus allowing plasma to be collected.

Order-No.:	Amount:	Price:
14404.00100	**100 ml**	**13,92**
14404.00250	**250 ml**	**18,60**
14404.00500	**500 ml**	**21,70**
14404.01000	**1.000 ml**	**40,69**

Tri-sodium citrate buffer pH 6.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- tri-Sodium citrate dihydrate
- Hydrochloric Acid 37%

Preparation of buffer solutions

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Order-No.:	Amount:	Price:
12442.00250	**250 ml**	**18,49**
12442.00500	**500 ml**	**24,57**
12442.01000	**1000 ml**	**32,88**

TRIS / HCl Buffer 0.1 mol/l, pH 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS
- Hydrochloric Acid 1.0 mol/l

Preparation of buffer solutions

TRIS/HCl buffer 0.1 mol/l, pH 7.4 is a biochemical buffer solution that maintains stable pH and is used in applications such as protein extraction and purification, histology and medical diagnostics.

Order-No.:	Amount:	Price:
14070.00100	**100 ml**	**14,30**
14070.00250	**250 ml**	**16,11**
14070.00500	**500 ml**	**22,91**
14070.01000	**1.000 ml**	**30,70**
14070.02500	**2.500 ml**	**58,00**

TRIS / HCL-Buffer 0.059 mol/l, pH 7.85

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS
- Hydrochloric Acid 1.0 mol/l

Preparation of buffer solutions

TRIS/HCL buffer 0.059 mol/l, pH 7.85 is a common buffer used in histological, medical and life science procedures. Its ability to minimize pH and ionic strength changes enables stable and reproducible reaction conditions. The composition of the buffer ensures reliability and accuracy in experiments and analyses.

Order-No.:	Amount:	Price:
13605.00250	**250 ml**	**19,93**
13605.00500	**500 ml**	**24,49**
13605.01000	**1.000 ml**	**46,00**

TRIS / HCL-Buffer pH 8.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS
- Hydrochloric Acid 37%

Use as a buffer for stabilizing enzymatic reactions

TRIS/HCL Buffer pH 8.0 is used in biochemistry and molecular biology to stabilize biological samples and control enzymatic reactions. It effectively maintains pH at 8.0 and inhibits the growth of microorganisms by adding sodium azide. This ensures accuracy and reproducibility in various experiments.

Order-No.:	Amount:	Price:
16407.00250	**250 ml**	**22,71**
16407.00500	**500 ml**	**28,62**
16407.01000	**1.000 ml**	**54,29**
16407.02500	**2.500 ml**	**104,60**

05. Buffer solutions

TRIS Buffer 0.02 mol/l pH 8.3

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS

Use as a buffer

Ready-to-use solution TRIS Buffer 0.02 mol/l pH 8.3 for use in histology or zytology for Use as a buffer

Order-No.:	Amount:	Price:
18221.00100	**100 ml**	**12,74**
18221.00250	**250 ml**	**15,23**
18221.00500	**500 ml**	**16,83**
18221.01000	**1.000 ml**	**27,20**

TRIS Buffer 0.05 mol/l, pH 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS
- Hydrochloric Acid 1.0 mol/l

Preparation of buffer solutions

TRIS buffer 0.05 mol/l, pH 7.4 is ideal for stabilizing pH values in experiments, especially in biochemistry, molecular biology and cell culture. It consists of TRIS and hydrochloric acid and has a high buffering capacity, ensuring constant hydrogen ion concentrations and stable pH values. This allows precise control in scientific research reactions and experiments.

Order-No.:	Amount:	Price:
15731.00100	**100 ml**	**10,37**
15731.00250	**250 ml**	**15,59**
15731.00500	**500 ml**	**21,27**
15731.01000	**1.000 ml**	**28,63**
15731.02500	**2.500 ml**	**53,21**

TRIS Buffer 0.5 mol/l pH 7.2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- TRIS

Preparation of buffer solutions

TRIS buffer is an essential biological buffer for stabilizing pH in scientific applications. Typical applications are molecular biology, cell culture, protein chemistry and enzymatic assays. The correct concentration and pH must be adjusted to each experiment.

Order-No.:	Amount:	Price:
12324.00250	**250 ml**	**19,22**
12324.00500	**500 ml**	**23,00**
12324.01000	**1.000 ml**	**43,17**
12324.02500	**2.500 ml**	**86,83**

TRIS Buffer pH 7.4 - 7.6

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS
- Hydrochloric Acid 1.0 mol/l
- Sodium chloride

Preparation of buffer solutions

TRIS buffer is a buffer solution with a pH of 7.4 to 7.6 used in biochemical and molecular biology applications such as protein and nucleic acid research, electrophoresis buffer systems, cell culture and histology. Its buffering capacity and low toxicity make it ideal for many biological processes.

Order-No.:	Amount:	Price:
12023.00250	**250 ml**	**15,65**
12023.00500	**500 ml**	**21,45**
12023.01000	**1.000 ml**	**28,86**
12023.02500	**2.500 ml**	**53,74**

TRIS/EDTA-Buffer pH 9,0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- TRIS
- EDTA

Preparation of buffer solutions

The TRIS/EDTA buffer pH 9.0 is an alkaline buffer solution used in molecular biology and biochemistry. It consists of TRIS, which stabilizes pH, and EDTA, which binds metal ions to inhibit enzyme activity. Applications include DNA/RNA extraction, PCR and electrophoresis of nucleic acids, and antigen unmasking in immunohistochemistry.

Order-No.:	Amount:	Price:
12328.00100	**100 ml**	**12,72**
12328.00250	**250 ml**	**15,17**
12328.00500	**500 ml**	**19,95**
12328.01000	**1.000 ml**	**26,95**
12328.02500	**2.500 ml**	**49,33**

ULMER's Buffer pH 6.8

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dihydrogen phosphate
- Sodium Hydroxide / Caustic Soda 10 % (~ 2.7 mol/l)

Preparation of buffer solutions

The ULMER Buffer pH 6.8 is a special buffer solution for professional users in various biological and biochemical fields. The solution provides stability and good buffering capacity for applications requiring a pH of 6.8, such as electrophoresis, enzymatic reactions and specific cell culture and histological protocols.

Order-No.:	Amount:	Price:
11411.00100	**100 ml**	**14,91**
11411.00250	**250 ml**	**16,62**
11411.00500	**500 ml**	**23,41**
11411.01000	**1.000 ml**	**36,49**
11411.02500	**2.500 ml**	**67,05**
11411.05000	**5.000 ml**	**108,06**
11411.10000	**10.000 ml**	**155,62**

ULMER's Buffer pH 7,2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dihydrogen phosphate
- Sodium Hydroxide / Cautic Soda 40 % (~ 14.3 mol/l)

Preparation of buffer solutions

Ready-to-use solution ULMER's Buffer pH 7,2 for use in histology or zytology for Preparation of buffer solutions

Order-No.:	Amount:	Price:
11391.00100	**100 ml**	**14,91**
11391.00250	**250 ml**	**16,62**
11391.00500	**500 ml**	**23,41**
11391.01000	**1.000 ml**	**36,49**
11391.02500	**2.500 ml**	**67,05**
11391.05000	**5.000 ml**	**108,07**
11391.10000	**10.000 ml**	**155,63**
11391.30000	**30.000 ml**	**210,04**

Veronal-Buffer / Electrophoresis Buffer pH 8.6

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Sodium acetat
- Citric acid

Preparation of buffer solutions

With a pH of 8.6, Veronal Buffer provides a stable alkaline environment for life science and medical applications, especially electrophoresis and immunoelectrophoresis. It enables reliable separation of biomolecules and facilitates serum protein electrophoresis.

Order-No.:	Amount:	Price:
13943.00100	**100 ml**	**43,63**
13943.00250	**250 ml**	**104,02**
13943.00500	**500 ml**	**201,07**
13943.01000	**1.000 ml**	**382,36**
13943.02500	**2.500 ml**	**871,23**

05. Buffer solutions

Veronal-Buffer pH 8.5

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Sodium Hydroxide / Caustic Soda 3.0 mol/l
- Sodium acetate tri-hydrate
- Methylparaben

Preparation of buffer solutions

Veronal buffer, also called barbiturate buffer, is a biological buffer used in biochemical and molecular biology applications to keep the pH of a solution constant. It is used for immunostaining, enzyme reactions and biochemical analysis. Since Veronal can be toxic, caution is required in handling, and the use of barbiturates is subject to legal regulations.

Order-No.:	Amount:	Price:
12321.00250	**250 ml**	**18,78**
12321.00500	**500 ml**	**22,07**
12321.01000	**1.000 ml**	**41,40**

Veronal-Buffer pH 9.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Hydrochloric Acid 37%

Preparation of buffer solutions

Veronal buffer, also called barbiturate buffer, is a biological buffer used in biochemistry and molecular biology to keep the pH of solutions stable. Especially useful for stable environments with pH values near 9.4, Veronal Buffer pH 9.4 is used for immunostaining, enzyme reactions, and biochemical analysis, although the exact concentration may vary. Caution is advised as Veronal can be toxic under certain conditions.

Order-No.:	Amount:	Price:
11545.00100	**100 ml**	**21,88**
11545.00250	**250 ml**	**27,14**
11545.00500	**500 ml**	**39,62**
11545.01000	**1.000 ml**	**74,82**
11545.02500	**2.500 ml**	**160,03**

WHO-Buffer with Gentiana Violet

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydrogen carbonate
- Formaldehyde ~37%, stabilised
- Gentian Violet, saturated aqueous

Use as a buffer

WHO buffer solution with gentian violet is a laboratory chemical used in biochemistry and molecular biology to stabilize pH. It consists of sodium bicarbonate, formaldehyde and gentian violet, with gentian violet acting as an indicator and formaldehyde as a preservative.

Order-No.:	Amount:	Price:
16320.00100	**100 ml**	**19,80**
16320.00250	**250 ml**	**30,55**
16320.00500	**500 ml**	**39,36**
16320.01000	**1.000 ml**	**53,79**
16320.02500	**2.500 ml**	**109,70**

Cytofix spray

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Polyethylene Glycol (PEG)

Fixation of swab specimens

Cytofix spray is a reliable fixative for smear specimens in medical and histological diagnostics. It allows rapid fixation and preservation of cell structures by ethanol and preserves morphology and specific cell characteristics during analysis. Polyethylene glycol and Aqua bidest contribute to stabilization and optimal fixation conditions.

Order-No.:	Amount:	Price:
16257.00100	**100 ml**	**13,45**
16257.00250	**250 ml**	**17,27**
16257.00500	**500 ml**	**18,88**
16257.01000	**1.000 ml**	**35,33**
16257.02500	**2.500 ml**	**68,72**

Descaling solution according to KRISTENSEN

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formic acid
-

Decalcification of tissue samples

The Kristensen decalcification solution, which contains formic acid and sodium formate, is used in medical diagnostics and research, especially in histology. It enables efficient removal of calcium salts from hard tissue while preserving the microscopic structure, ensuring precise histological results.

Order-No.:	Amount:	Price:
12562.00100	**100 ml**	**15,69**
12562.00250	**250 ml**	**23,71**
12562.00500	**500 ml**	**46,86**
12562.01000	**1.000 ml**	**61,11**
12562.02500	**2.500 ml**	**128,34**
12562.05000	**5.000 ml**	**183,81**
12562.10000	**10.000 ml**	**346,28**

Ethanol 99.8 %, p.a. undenatured

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethanol

Solvents / Fixatives / Sample processing

Ethanol, also called ethyl alcohol or alcohol, is a colorless, highly flammable liquid. MORPHISTO offers various concentrations and forms of ethanol. It is used in histology for tissue processing and serves as a solvent or cleaning agent in laboratory applications.

Order-No.:	Amount:	Price:
11387.00250	**250 ml**	**24,95**
11387.00500	**500 ml**	**37,98**
11387.01000	**1.000 ml**	**55,97**
11387.02500	**2.500 ml**	**117,71**
11387.05000	**5.000 ml**	**181,34**
11387.10000	**10.000 ml**	**348,36**
11387.20000	**20.000 ml**	**570,76**
11387.25000	**25.000 ml**	**702,59**
11387.30000	**30.000 ml**	**834,01**

Protein Glycerine for Histology

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Protein Powder Egg White
- Glycerol

Slide coating

Protein glycerol is a special solution for histology consisting of protein, glycerol and thymol. It ensures strong adhesion between histological sections and slides through protein-protein interactions and hydrogen bonding. The key advantage over similar products is the combination of protein and glycerol.

Order-No.:	Amount:	Price:
13247.00100	**100 ml**	**20,52**
13247.00250	**250 ml**	**40,67**
13247.00500	**500 ml**	**62,43**
13247.01000	**1.000 ml**	**122,27**

06. Sample processing

TissueGel - Biopsy Processing Gel

Lagerung: *4 … 8 °C*

Relevant Incredients:
- Ethanol
- Glycerol
- Agarose

Specimen embedding

TissueGel is a biopsy processing gel that serves as an embedding medium for biological specimens in medical and histological diagnostics. It enables precise positioning and stabilization of small specimens, improves handling and quality of sections, and facilitates subsequent microscopic examination.

Order-No.:	Amount:	Price:
10059.R0012	**12 x 10 ml**	**276,86**
10059.R0024	**24 x 10 ml**	**521,35**

Xylene - Peanut Oil

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Xylene
-

Pretreatment for bacterial staining

Xylene peanut oil is a solution of a 1:1 mixture of xylene and peanut oil and is used in histology and pathology as an embedding medium and deparaffinizing agent. The combination of the solubilizing properties of xylene and the lubricating properties of peanut oil allows effective and gentle dewaxing and staining of tissue specimens.

Order-No.:	Amount:	Price:
13237.00100	**100 ml**	**16,61**
13237.00250	**250 ml**	**26,34**
13237.00500	**500 ml**	**37,94**
13237.01000	**1.000 ml**	**71,63**

?

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Trichloroacetic acid

Decalcification of tissue samples

MORPHISTO TCA Decalcifier is based on trichloroacetic acid and serves as an effective decalcifier in histology to remove calcium deposits in tissues and bones. The application leads to improved sample quality, facilitates further processing for microscopic examinations and reduces artifacts and falsifications in histological workups.

Order-No.:	Amount:	Price:
18384.00100	**100 ml**	**17,31**
18384.00250	**250 ml**	**22,86**
18384.00500	**500 ml**	**31,27**
18384.01000	**1.000 ml**	**50,36**
18384.02500	**2.500 ml**	**102,00**
18384.05000	**5.000 ml**	**149,65**
18384.10000	**10.000 ml**	**279,42**

Decalcifying solution (formic acid, alcoholic)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Formic acid
- Hydrochloric acid 25 %

Decalcification of tissue samples

Decalcification solution (formic acid, alcoholic) is a ready-to-use solution used in medical diagnostics, histology and scientific laboratories. It consists of ethanol, formic acid and hydrochloric acid and is used for decalcification of tissue specimens and materialography, enables precise diagnoses and plays an important role in the study of calcification in tissues.

Order-No.:	Amount:	Price:
18628.00100	**100 ml**	**14,70**
18628.00250	**250 ml**	**20,85**
18628.00500	**500 ml**	**30,98**
18628.01000	**1.000 ml**	**49,67**
18628.02500	**2.500 ml**	**101,87**
18628.05000	**5.000 ml**	**184,64**

Decalcifying solution (formic acid, aqueous)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formic acid
- Hydrochloric Acid 37%

Decalcification of tissue samples

Decalcification solution of distilled aqua/VE water, formic acid and hydrochloric acid is used in medical diagnostics, histology and scientific laboratories. It is particularly suitable for decalcification of tissue specimens and enables histological examinations of soft tissue. The solution is based on the solubility of calcium salts to effectively remove excessive calcium from specimens.

Order-No.:	Amount:	Price:
18734.00100	**100 ml**	**18,44**
18734.00250	**250 ml**	**23,34**
18734.00500	**500 ml**	**30,15**
18734.01000	**1.000 ml**	**48,61**
18734.02500	**2.500 ml**	**96,91**
18734.05000	**5.000 ml**	**169,51**
18734.10000	**10.000 ml**	**316,20**

Descaling agent post-treatment

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium sulfate
- Aqua dest. / pure water

Decalcification of tissue samples

The decalcifier post-treatment solution reduces the swelling of collagen fibers in bone tissue and removes acid residues to preserve tissue structure and cell morphology for precise histological analyses. It neutralizes the acidic environment and is rinsed thoroughly after application before further histological procedures.

Order-No.:	Amount:	Price:
11201.00250	**250 ml**	**16,01**
11201.00500	**500 ml**	**22,59**
11201.01000	**1.000 ml**	**30,30**
11201.02500	**2.500 ml**	**57,08**

EDTA decalcification solution ~ 13 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Sodium hydroxide

Decalcification of tissue samples

The 13% EDTA decalcification solution is used in histology and pathology to prepare bone and calcified tissue specimens for microscopic examination. It allows gentle decalcification without affecting morphological and cellular structures and is also suitable for samples for immunohistochemistry or in situ hybridization.

Order-No.:	Amount:	Price:
18371.00100	**100 ml**	**15,45**
18371.00250	**250 ml**	**24,69**
18371.00500	**500 ml**	**38,98**
18371.01000	**1.000 ml**	**63,36**
18371.02500	**2.500 ml**	**133,52**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

06.2 Decalcification

Product	Description	Order Information

EDTA Decalcifying Solution ~ 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- TRIS

Decalcification of tissue samples

The 10% EDTA decalcifying solution is used in histology and pathology to prepare bone and calcified tissue specimens for microscopic examination. The solution gently removes calcium ions from tissue without damaging morphological and cellular structures and is also suitable for immunohistochemistry and in situ hybridization.

Order-No.:	Amount:	Price:
12584.00250	**250 ml**	**22,05**
12584.00500	**500 ml**	**34,02**
12584.01000	**1.000 ml**	**54,48**
12584.02500	**2.500 ml**	**113,00**
12584.05000	**5.000 ml**	**206,91**

EDTA Decalcifying Solution ~ 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- TRIS

Decalcification of tissue samples

The 20% EDTA decalcification solution is used in histology and pathology to prepare bone and calcified tissue specimens for microscopic examination. The solution selectively removes calcium ions, accelerating decalcification while preserving morphological and cellular structures. It is also suitable for immunohistochemistry and in situ hybridization.

Order-No.:	Amount:	Price:
13214.00250	**250 ml**	**30,71**
13214.00500	**500 ml**	**54,15**
13214.01000	**1.000 ml**	**87,43**
13214.02500	**2.500 ml**	**189,20**
13214.05000	**5.000 ml**	**325,63**

EDTA Decalcifying Solution ~ 20 %, pH 7.0 - 7.2

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Sodium hydroxide

Decalcification of tissue samples

The 20% EDTA decalcifying solution with a pH of 7.0-7.2 is used in histology and pathology to prepare bone and calcified tissue specimens for microscopic examination. The solution selectively removes calcium ions and dissolves calcifications without affecting the morphological and cellular structures. It is suitable for immunohistochemistry and in situ hybridization as it preserves antigenicity and nucleic acids.

Order-No.:	Amount:	Price:
16529.00100	**100 ml**	**23,48**
16529.00250	**250 ml**	**39,33**
16529.00500	**500 ml**	**57,43**
16529.01000	**1.000 ml**	**94,60**
16529.02500	**2.500 ml**	**207,60**

EDTA Decalcifying Solution ~ 20 %, pH 7.4

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Sodium hydroxide 10.0 mol/l (~ 30 %)

Decalcification of tissue samples

20% EDTA decalcification solution with pH 7.4 is used to prepare bone and calcified tissue samples for microscopic examination. The higher concentration allows faster decalcification without damaging the structures and is also suitable for immunohistochemistry or in situ hybridization. The solution must be changed regularly.

Order-No.:	Amount:	Price:
13412.00250	**250 ml**	**34,82**
13412.00500	**500 ml**	**56,97**
13412.01000	**1.000 ml**	**94,04**
13412.02500	**2.500 ml**	**204,64**
13412.05000	**5.000 ml**	**386,71**

EDTA Decalcifying Solution 25 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Sodium Hydroxide / Cautic Soda 40 % (~ 14.3 mol/l)
- Aqua dest. / pure water

Decalcification of tissue samples

The EDTA decalcification solution with 25% concentration and pH 7.4 is used to prepare bone and calcified tissue samples for microscopic examination. The higher concentration allows faster decalcification without affecting the structures, but should be changed regularly. Suitable for histology and pathology laboratories as well as for immunohistochemistry and in situ hybridization.

Order-No.:	Amount:	Price:
13373.00250	**250 ml**	**33,89**
13373.00500	**500 ml**	**51,23**
13373.01000	**1.000 ml**	**82,66**
13373.02500	**2.500 ml**	**179,88**

EDTA decalcifying solution 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- EDTA
- Sodium chloride
- Aqua bidest / purified water

Decalcification of tissue samples

EDTA decalcification solution is used in histology and pathology to prepare bone and calcified tissue specimens for microscopic examination. The 5% solution is prepared by dissolving EDTA in water and enables gentle decalcification without affecting cellular structures.

Order-No.:	Amount:	Price:
13867.00100	**100 ml**	**15,13**
13867.00250	**250 ml**	**21,21**
13867.00500	**500 ml**	**27,61**
13867.01000	**1.000 ml**	**45,55**
13867.02500	**2.500 ml**	**91,60**

MORPHISTO rapid descaler

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Phosphorsäure
- Citric acid
- Formic acid

Decalcification of tissue samples

MORPHISTO Rapid Decalcifier is used in histology laboratories for the efficient decalcification of mineralized structures in tissue samples. By using different acids, calcium ions are dissolved without affecting the morphology of the samples. This allows clear visualization of fine structures in microscopic examinations.

Order-No.:	Amount:	Price:
15378.00100	**100 ml**	**14,60**
15378.00250	**250 ml**	**19,55**
15378.00500	**500 ml**	**27,88**
15378.01000	**1.000 ml**	**37,12**
15378.02500	**2.500 ml**	**70,88**
15378.05000	**5.000 ml**	**119,21**

06.2 Decalcification

Nitric Acid Decalcification 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Nitric acid 65 %
- Aqua dest. / pure water

Decalcifying solution / etchant

Nitric acid decalcifying solution 3% is an effective laboratory chemical for histology and cytology. It enables the removal of mineralized tissue fragments, can be used as a macro-etching agent for welded joints and deep etching agent for copper alloys. The solution offers a balance between performance and safety.

Order-No.:	Amount:	Price:
16637.00100	**100 ml**	**9,85**
16637.00250	**250 ml**	**14,84**
16637.00500	**500 ml**	**15,48**
16637.01000	**1.000 ml**	**18,44**
16637.02500	**2.500 ml**	**31,23**

Nitric Acid Decalcification 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Nitric acid 65 %

Decalcifying solution / etchant

The 5% nitric acid decalcifying solution is a mixture of water and nitric acid used in histology, cytology and materialography. It removes calcium deposits from tissue specimens and serves as an etchant for ferritic welded joints and copper alloys to visualize microstructures and material defects.

Order-No.:	Amount:	Price:
14866.00100	**100 ml**	**12,43**
14866.00250	**250 ml**	**14,27**
14866.00500	**500 ml**	**16,03**
14866.01000	**1.000 ml**	**18,62**
14866.02500	**2.500 ml**	**31,61**
14866.05000	**5.000 ml**	**47,46**
14866.10000	**10.000 ml**	**83,19**
14866.20000	**20.000 ml**	**134,49**
14866.25000	**25.000 ml**	**155,92**

Nitric Acid Decalcification 6 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Nitric acid 65 %

Decalcifying solution / etchant

The 6% nitric acid decalcifying solution is used in histology and pathology to decalcify bone tissue. It enables rapid and effective decalcification by dissolving calcium ions from the bone matrix. Monitoring of the process is important to avoid damage. Another application is metallography as a macro-etching agent for ferritic weld joints and grain surface etching on Cu alloys.

Order-No.:	Amount:	Price:
11122.00100	**100 ml**	**12,61**
11122.00250	**250 ml**	**13,37**
11122.00500	**500 ml**	**17,81**
11122.01000	**1.000 ml**	**21,41**
11122.02500	**2.500 ml**	**38,08**

Trichloroacetic Acid 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Trichloroacetic acid

Use as laboratory reagent

Trichloroacetic acid 5% is a dilute aqueous solution used for protein precipitation, histology fixation and dermatology peeling. Its optimal concentration of 5% provides a good balance between efficacy and tolerability for efficient and safe applications. The chemical mode of operation is based on the ability to denature and precipitate proteins, leading to precise and reproducible results in various applications.

Order-No.:	Amount:	Price:
13383.00100	**100 ml**	**17,31**
13383.00250	**250 ml**	**22,86**
13383.00500	**500 ml**	**31,27**
13383.01000	**1.000 ml**	**50,36**
13383.02500	**2.500 ml**	**102,00**

Covering agent, xylene-free (Neo-Mount®)

Lagerung: *siehe Einzelprodukte*

Relevant Incredients:
-

Covering of cutting preparations

Neo-Mount® is a xylene-free capping agent for histology and cytology that preserves and protects microscopic slides. It offers a sanitary alternative to xylene-based agents, high light transmission and compatibility with various stains. It minimizes exposure to xylene and provides excellent image quality.

Order-No.:	Amount:	Price:
11656.00100	**100 ml**	**61,43**
11656.00500	**500 ml**	**158,43**
11656.01000	**1.000 ml**	**298,39**

Glycerine-Gelatine Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Glycerol
- Gelatin
- Thymol

Covering of cutting preparations

Glycerol gelatin is used in microscopic diagnostics as an embedding medium for tissue sections and biological samples. It ensures stability during the staining process and enables precise staining and clear visualization of structures for accurate diagnoses.

Order-No.:	Amount:	Price:
15505.00100	**100 ml**	**22,00**
15505.00250	**250 ml**	**34,65**
15505.00500	**500 ml**	**55,39**
15505.01000	**1.000 ml**	**104,87**
15505.02500	**2.500 ml**	**229,52**

Mounting Medium (with Xylene)

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Covering of cutting preparations

A xylene-containing capping agent is a substance used in microscopy that fixes specimens and provides a clear view of cells because it has a refractive index similar to glass. However, it is toxic and requires precautions. Alternatives are less toxic but may not provide the same performance. Compatibility with stains, solvents and microscopes is critical.

Order-No.:	Amount:	Price:
12318.00250	**250 ml**	**57,40**
12318.00500	**500 ml**	**108,55**
12318.01000	**1.000 ml**	**203,19**

06.3 Mounting media

SAFELINE Glycerine Gelatine after KAISER (Pehnol free)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Glycerol
-

Specimen embedding

Glycerine gelatin KAISER phenol-free (SAFELINE) is a product for histology and scientific laboratories used for embedding histological sections. It combines glycerol, gelatin, aqua bidest and benzalkonium chloride to provide optimal preservation of specimens. The solution provides safe and effective long-term preservation and ensures accurate analyses.

Order-No.:	Amount:	Price:
17154.00010	**10 ml**	**7,03**
17154.00025	**25 ml**	**9,64**
17154.00050	**50 ml**	**13,69**
17154.00100	**100 ml**	**25,37**
17154.00250	**250 ml**	**52,34**

SAFELINE Glycerine Gelatine after KISSER (Pehnol free)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Glycerol
-
-

Sample embedding, especially suitable for pollen

Glycerine gelatin KISSER phenol-free (SAFELINE) is a solution for long-term preservation of samples, especially pollen, in scientific laboratories and histology. It consists of glycerol, gelatin, aqua bidest and benzalkonium chloride, which together provide a flexible, stable, humid and hygienic environment for the samples, allowing accurate and reliable analysis.

Order-No.:	Amount:	Price:
17160.00010	**10 ml**	**7,21**
17160.00025	**25 ml**	**10,14**
17160.00050	**50 ml**	**14,75**
17160.00100	**100 ml**	**27,39**
17160.00250	**250 ml**	**57,01**

SAFELINE INCLUDAL A

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Frutabs
- Potassium acetate

universal embedding of samples in the pH-neutral range

SAFELINE INCLUDAL A enables specimens to be embedded while maintaining a neutral pH. The chemical components, including gum arabic and fructose, contribute to stabilization and osmotic balance. The use of SAFELINE INCLUDAL A improves microstructure preservation and enables clear, detailed visualizations in various applications, such as staining kits.

Order-No.:	Amount:	Price:
17189.00010	**10 ml**	**10,83**
17189.00025	**25 ml**	**20,55**
17189.00050	**50 ml**	**36,61**
17189.00100	**100 ml**	**69,03**
17189.00250	**250 ml**	**153,29**

SAFELINE INCLUDAL AC after HOYER

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium Acetate
-

Specimen embedding

SAFELINE INCLUDAL AC according to HOYER, consisting of Aqua bidest, ammonium acetate and gum arabic, is mainly used for embedding specimens. It enables detailed preparations and optimal preservation, with gum arabic acting as a supporting matrix and ammonium acetate contributing to stabilization.

Order-No.:	Amount:	Price:
17207.00010	**10 ml**	**8,34**
17207.00025	**25 ml**	**11,97**
17207.00050	**50 ml**	**17,96**
17207.00100	**100 ml**	**33,61**
17207.00250	**250 ml**	**71,17**

SAFELINE INCLUDAL CB

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Ethyl alcohol
- Ethyl alcohol

Specimen embedding

SAFELINE INCLUDAL CB is a special benzo resin formulation in denatured ethanol that meets high demands when embedding specimens. The solution enables a hard, transparent matrix for detailed observations and is used in medical diagnostics, histology and metallography.

Order-No.:	Amount:	Price:
17225.00010	**10 ml**	**15,55**
17225.00025	**25 ml**	**22,68**
17225.00050	**50 ml**	**36,77**
17225.00100	**100 ml**	**68,74**
17225.00250	**250 ml**	**146,24**

SAFELINE INCLUDAL IF

Lagerung: *4 … 8 °C*

Relevant Incredients:
- D(+)-Saccharose
- Citric acid
- Sodium hydrogen carbonate

Xylene-free embedding of samples

SAFELINE INCLUDAL IF is an optimal solution for embedding sensitive samples that require an aqueous medium. It allows the analysis of samples incompatible with xylene-containing media and ensures stable pH values and morphology preservation. When used correctly, the solution provides high quality results in the analysis of sensitive samples.

Order-No.:	Amount:	Price:
17183.00010	**10 ml**	**8,91**
17183.00025	**25 ml**	**15,03**
17183.00050	**50 ml**	**25,02**
17183.00100	**100 ml**	**46,94**
17183.00250	**250 ml**	**102,22**

SAFELINE INCLUDAL L

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Gelatin
- Aqua dest. / pure water

Use as a light-curing coverglass varnish

The SAFELINE INCLUDAL L is a high-quality microscope for precise research work in the fields of histology, cytology and metallography. Thanks to its advanced technology, it enables first-class image quality and optimal results for detailed examinations.

Order-No.:	Amount:	Price:
17535.00010	**10 ml**	**15,41**
17535.00025	**25 ml**	**25,53**
17535.00050	**50 ml**	**47,78**
17535.00100	**100 ml**	**90,04**
17535.00250	**250 ml**	**198,95**

06.3 Mounting media

SAFELINE INCLUDAL PVA

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Milchsäure, L(+)-
-
- Glycerol

Embedding of entomological specimens, weakly acid adjusted.

SAFELINE INCLUDAL PVA, consisting of Aqua bidest, lactic acid, PVA BP-05S and anhydrous glycerol, is used for embedding entomological specimens. The slightly acidic solution improves handling and preservation of specimens. Glycerin prevents dehydration, while PVA BP-05S serves as a stabilizer and thickener. The product enables detailed specimens and precise coloring.

Order-No.:	Amount:	Price:
17195.00010	**10 ml**	**10,10**
17195.00025	**25 ml**	**18,44**
17195.00050	**50 ml**	**32,18**
17195.00100	**100 ml**	**60,58**
17195.00250	**250 ml**	**133,76**

SAFELINE INCLUDAL PVL

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Milchsäure, L(+)-
- 1,2,3-Propanetriol

Embedding beetles, ticks, mites; weakly acidic

SAFELINE INCLUDAL PVL is a mixture of Aqua bidest, PVA BP-05S, lactic acid and glycerol for embedding beetles, ticks and mites. The combination allows detailed examinations and long-term specimen preservation, which is useful for histological, entomological and microscopic analyses.

Order-No.:	Amount:	Price:
17213.00010	**10 ml**	**9,02**
17213.00025	**25 ml**	**15,34**
17213.00050	**50 ml**	**25,68**
17213.00100	**100 ml**	**48,20**
17213.00250	**250 ml**	**105,12**

SAFELINE INCLUDAL PVLA

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Milchsäure, L(+)-
- Glycerol

Embedding of beetles, fleas, insects; fast curing

SAFELINE INCLUDAL PVLA is a solution of PVA BP-05S, lactic acid and glycerol that enables efficient embedding of insects. The robust, fast-curing matrix protects delicate specimens and preserves their natural structure for microscopic studies in histology and other scientific fields.

Order-No.:	Amount:	Price:
17219.00010	**10 ml**	**7,13**
17219.00025	**25 ml**	**9,92**
17219.00050	**50 ml**	**14,29**
17219.00100	**100 ml**	**26,51**
17219.00250	**250 ml**	**54,96**

SAFELINE INCLUDAL PVP

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Polyvinylpyrrolidone (K30)

Embedding of samples for sensitive staining

SAFELINE INCLUDAL PVP, consisting of Aqua bidest and polyvinylpyrrolidone (PVP K30), is used for sensitive dyeings that cannot tolerate xylene-based embeddings. PVP K30 is a water-soluble polymer that provides protection and facilitates interaction between dye and material. This results in detailed, informative preparations for further analysis.

Order-No.:	Amount:	Price:
17201.00010	**10 ml**	**11,52**
17201.00025	**25 ml**	**20,82**
17201.00050	**50 ml**	**37,96**
17201.00100	**100 ml**	**71,20**
17201.00250	**250 ml**	**157,31**

Alkaline Alcohol (with KOH)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- potassium hydroxide

Differentiation / pickling / bluing

Alkaline alcohol with KOH is a solution used in histology, histopathology and metallography. It consists of alcohol and potassium hydroxide and is used for decalcification of bone tissue, digestion of tissue specimens and etching of metal surfaces. The solution enables precise characterization of samples for research and quality control.

Order-No.:	Amount:	Price:
12437.00100	**100 ml**	**14,96**
12437.00250	**250 ml**	**18,11**
12437.00500	**500 ml**	**23,22**
12437.01000	**1.000 ml**	**33,07**
12437.02500	**2.500 ml**	**60,88**

Alkaline alcohol (with NaOH)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sodium hydroxide

differentiation / blueing / etching of stainings

Alcoholic alcohol solutions with NaOH are indispensable in laboratories, especially in histology and medical diagnostics. They consist of ethanol, distilled water and sodium hydroxide and are used for deparaffinizing and rehydrating tissue sections, where NaOH as a strong base absorbs protons.

Order-No.:	Amount:	Price:
19234.00100	**100 ml**	**13,04**
19234.00250	**250 ml**	**16,09**
19234.00500	**500 ml**	**20,28**
19234.01000	**1.000 ml**	**30,63**
19234.02500	**2.500 ml**	**57,84**

Alkaline Alcohol with Ammonia (70/30)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Ammonium hydroxide 25%

Differentiation / pickling / bluing

Alkaline alcohol with ammonia in a 70/30 ratio is an effective agent for degreasing and cleaning tissue specimens and is used in various scientific and technical fields, especially in histology. It is a mixture of ethanol and ammonia and generates its particular suitability by combining the degreasing and cleaning abilities of ethanol and the alkaline pH of ammonia.

Order-No.:	Amount:	Price:
13783.00100	**100 ml**	**14,21**
13783.00250	**250 ml**	**16,03**
13783.00500	**500 ml**	**19,49**
13783.01000	**1.000 ml**	**30,39**
13783.02500	**2.500 ml**	**58,86**

07. Laboratory chemicals

Alkaline Alcohol with Ammonia (90/10)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Ammonium hydroxide 25%

Differentiation / pickling / bluing

Alkaline alcohol with ammonia (90/10) is a chemical solution consisting of 90% alcohol and 10% ammonia. It is used in histology and cytology to remove acidic dyes from cells or tissues. The solution is often used in staining procedures such as Gram staining to distinguish Gram-positive and Gram-negative bacteria.

Order-No.:	Amount:	Price:
10132.00100	**100 ml**	**12,77**
10132.00250	**250 ml**	**18,01**
10132.00500	**500 ml**	**22,16**
10132.01000	**1.000 ml**	**30,79**

Aluminium Sulfate 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aluminium sulphate hydrate • 14 H2O

Use as laboratory reagent

Aluminum sulfate 5% is a solution for water treatment, paper production and textile industry. Flocculation of particles in wastewater is achieved by forming aluminum hydroxide flocs. Advantages are fast and effective flocculation for improved water clarification and efficient settling of impurities.

Order-No.:	Amount:	Price:
13300.00250	**250 ml**	**15,45**
13300.00500	**500 ml**	**20,85**
13300.01000	**1.000 ml**	**28,08**

Ammonium Iron (II) Sulfate 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium Iron (III) Sulfate 12-hydrate

Use as laboratory reagent

Ammonium iron (III) sulfate 2.5% is used in analytical chemistry as an oxidizing agent and titration indicator, and in water treatment as a flocculant. It is stable, easily soluble and has low toxicity.

Order-No.:	Amount:	Price:
13303.00250	**250 ml**	**21,69**
13303.00500	**500 ml**	**30,71**
13303.01000	**1.000 ml**	**49,37**

Ammonium Iron (III) Sulfate 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium Iron (III) Sulfate 12-hydrate

Differentiation / pickling / bluing

A 1% ammonium ferric sulfate solution is a dilute aqueous solution of the inorganic salt known as ferrous sulfate or ferric ammonium alum. It has a greenish-blue color and is used in chemistry for synthesis, phosphate quantification and histology.

Order-No.:	Amount:	Price:
11557.00100	**100 ml**	**13,31**
11557.00250	**250 ml**	**20,34**
11557.00500	**500 ml**	**30,35**
11557.01000	**1.000 ml**	**40,28**

Ammonium Molybdate 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium molybdate tetrahydrate

Differentiation / pickling / bluing

Ammonium molybdate in a 5% solution is an important reagent in scientific and technical applications, especially in histology, cytology and biochemical studies. It is used for staining and quantification of phosphates, investigation of enzyme activities and as a catalyst in industrial processes.

Order-No.:	Amount:	Price:
12385.00250	**250 ml**	**40,34**
12385.00500	**500 ml**	**67,34**
12385.01000	**1.000 ml**	**127,62**

Ammonium Oxalate 0.0704 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium oxalate

Use as laboratory reagent

Ammonium oxalate 0.0704 mol/l is a laboratory chemical used in chemical analysis, electron microscopy and crystallization experiments. It is used for volumetric determination of calcium, pH stabilization and research of crystal growth mechanisms.

Order-No.:	Amount:	Price:
14991.00100	**100 ml**	**17,35**
14991.00250	**250 ml**	**22,85**
14991.00500	**500 ml**	**32,44**
14991.01000	**1.000 ml**	**43,01**
14991.02500	**2.500 ml**	**82,53**

Aniline-Ethanol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Aniline oil

Differentiation / pickling / bluing

Aniline alcohol is a chemical compound of aniline and ethanol used in histology and cytology as a solvent and intermediate medium. The solution improves the penetration of dyes into tissue structures and allows clearer visualizations of chromosome structures. Proper concentration and procedures are important for optimal results.

Order-No.:	Amount:	Price:
10138.00100	**100 ml**	**15,70**
10138.00250	**250 ml**	**19,88**
10138.00500	**500 ml**	**29,80**
10138.01000	**1.000 ml**	**37,46**

Aqua bidest.

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Aqua bidest / purified water

Use as laboratory reagent

Aqua bidestillata (Aqua bidest.) is double distilled water produced by a two-stage distillation process and is even purer than simple distilled water. It is used in scientific and medical laboratories for applications requiring high purity, such as sensitive chemical reactions, production of pure solutions and special cleaning purposes.

Order-No.:	Amount:	Price:
R00027.00100	**100 ml**	**5,66**
R00027.00250	**250 ml**	**6,71**
R00027.00500	**500 ml**	**7,43**
R00027.01000	**1.000 ml**	**7,70**
R00027.02500	**2.500 ml**	**11,79**
R00027.05000	**5.000 ml**	**14,13**
R00027.10000	**10.000 ml**	**22,25**
R00027.20000	**20.000 ml**	**43,76**
R00027.25000	**25.000 ml**	**57,97**

07. Laboratory chemicals

Product	Description	Order Information		
Aqua dest. **Lagerung:** *15 … 25 °C* Relevant Incredients: • Aqua dest. / pure water	**Use as laboratory reagent** Aqua dest. is the abbreviation for aqua distillata, i. e. distilled water. It is obtained by heating and condensing water and is extremely pure. In scientific and medical laboratories it is used as a solvent, for the preparation of solutions and for cleaning equipment.	Order-No.: R00337.01000 R00337.02500 R00337.05000 R00337.10000	Amount: **1.000 ml** **2.500 ml** **5.000 ml** **10.000 ml**	Price: **4,80** **5,50** **8,50** **12,00**
Ascorbic Acid 0.114 mol/l **Lagerung:** *< 4°C* Relevant Incredients: • Antiscorbutic vitamin	**Use as laboratory reagent** Ascorbic acid 0.114 mol/l is a highly pure laboratory chemical with wide applicability in biochemical, chemical and physical experiments. It acts as a strong antioxidant and enables the control of oxidation processes and the stability of sensitive substances.	Order-No.: 15184.00100 15184.00250 15184.00500 15184.01000	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml**	Price: **21,15** **26,39** **34,92** **49,34**
Base for aqueous staining solutions (stabilized and preserved) **Lagerung:** *4 … 8 °C* Relevant Incredients: • Ethylene glycol 99,8 % • Dimethylaminesulfate • Methylparaben • propyl-4-hydroxybenzoat	**Staining proteins** Ready-to-use solution Base for aqueous staining solutions (stabilized and preserved) for use in histology or zytology for Staining proteins	Order-No.: 12728.00250 12728.00500 12728.01000 12728.02500	Amount: **250 ml** **500 ml** **1.000 ml** **2.500 ml**	Price: **23,56** **26,45** **49,90** **99,60**
Borax / Sodium Tetraborate 0,25 % (bidest) **Lagerung:** *15 … 25 °C* Relevant Incredients: • Sodium tetraborate • 10 H_2O	**Staining of tissue samples** Sodium tetraborate 0.25% solution of ultrapure water is used in medical diagnostics, histology and scientific laboratories. As a component of staining kits, it enables precise visualization of microscopic structures and supports analysis and diagnosis of histological specimens. The borate mineral serves as a buffer and stabilizer for pH regulation.	Order-No.: 11396.00100 11396.00250 11396.00500 11396.01000 11396.02500	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	Price: **12,78** **15,35** **20,52** **27,67** **50,99**
Boric Acid 5 %, aqueous **Lagerung:** *15 … 25 °C* Relevant Incredients: • Boric acid 99,5% ph.Eur.	**Use as laboratory reagent** Boric acid 5%, aqueous is a high quality laboratory reagent developed for medical and histological diagnostics. The high purity and quality allow versatile uses, such as preparation of buffers and examination of biosamples. The stabilizing properties of boric acid ensure accurate and reliable results. Applications include detection of biological structures and identification of biochemical pathways.	Order-No.: 16042.00100 16042.00250 16042.00500 16042.01000 16042.02500	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	Price: **17,26** **22,59** **31,61** **41,94** **80,00**
Calcium Chloride 2 %, aqueous **Lagerung:** *15 … 25 °C* Relevant Incredients: • Calcium chloride dihydrate	**Use as laboratory reagent** Calcium chloride 2% aqueous is a solution used in various industries such as food industry, research and analytics. The chemical action is based on the release of calcium ions, which support many biological processes. The solution stabilizes cell membranes, regulates the calcium balance of cell cultures and improves the texture and firmness of food.	Order-No.: 12956.00250 12956.00500 12956.01000	Amount: **250 ml** **500 ml** **1.000 ml**	Price: **16,04** **17,60** **30,45**
CARREZ Solution I **Lagerung:** *15 … 25 °C* Relevant Incredients: • Potassium hexaferrocyanide (II)	**Use as laboratory reagent** CARREZ Solution I is a laboratory reagent used in in vitro diagnostics to clarify proteins and reduce turbidity in biological samples. It enables precise analysis by preventing possible falsification of test results and is often used in conjunction with other CARREZ Solutions.	Order-No.: 18589.00100 18589.00250 18589.00500 18589.01000 18589.02500	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	Price: **19,18** **31,65** **39,10** **60,70** **126,10**
CARREZ Solution II **Lagerung:** *15 … 25 °C* Relevant Incredients: • Zinc sulphate heptahydrate	**Use as laboratory reagent** CARREZ Solution II is a laboratory reagent in in vitro diagnostics used for clarification and pretreatment of biological samples. Together with CARREZ Solution I, it forms the Carrez system, which precipitates proteins and macromolecules to facilitate sample processing and minimize interference during analysis. This provides more accurate and reliable results in biomolecular testing and diagnostic procedures.	Order-No.: 18595.00100 18595.00250 18595.00500 18595.01000 18595.02500	Amount: **100 ml** **250 ml** **500 ml** **1.000 ml** **2.500 ml**	Price: **25,73** **39,72** **48,99** **92,96** **202,73**

07. Laboratory chemicals

Citric Acid - Sodium Hydroxide Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium Hydroxide / Caustic Soda 0.1 mol/l (~ 0.4 %)
- Citric acid

Differentiation / pickling / bluing

Citric acid-sodium hydroxide solution is an aqueous mixture used for pH adjustments, buffer solutions and titrations. It finds application in histology, medical diagnostics and life sciences, allowing precise pH regulation and combining acidic and basic properties.

Order-No.:	Amount:	Price:
14134.00100	**100 ml**	**15,97**
14134.00250	**250 ml**	**20,88**
14134.00500	**500 ml**	**23,86**
14134.01000	**1.000 ml**	**32,30**
14134.02500	**2.500 ml**	**63,42**

Cobalt(II) chloride hexyhadrate aqueous (2 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Cobalt(II)chloride hexahydrate

Use as laboratory reagent

Cobalt chloride 2%, aqueous, is used in scientific laboratories and sometimes in medical diagnostics. It consists of aqua bidest and cobalt(II) chloride hexahydrate, which appears as red or pink crystals. Cobalt(II) chloride hexahydrate is used as a cofactor or enzyme inhibitor in biological studies, but rarely as a staining agent due to toxic properties of cobalt compounds.

Order-No.:	Amount:	Price:
18615.00100	**100 ml**	**36,41**
18615.00250	**250 ml**	**61,72**
18615.00500	**500 ml**	**123,11**
18615.01000	**1.000 ml**	**213,15**
18615.02500	**2.500 ml**	**479,91**

Colchicine - Sodium Chloride Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium Chloride 0.9 %
- Colchicine

Investigation of cell function, microtubule inhibition.

Colchicine NaCl solution is an important tool in life science, histology and medical diagnostics to study cell division and cell migration by disrupting microtubule function. The stable solution allows controlled application and avoids cytotoxic effects.

Order-No.:	Amount:	Price:
14162.00100	**100 ml**	**117,45**
14162.00250	**250 ml**	**238,87**
14162.00500	**500 ml**	**475,96**
14162.01000	**1.000 ml**	**914,41**
14162.02500	**2.500 ml**	**2132,52**

Di-sodium hydrogen phosphate 0.5 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate dihydrate

pH value adjustment, titration

Di-sodium hydrogen phosphate 0.5 mol/l is an important reagent in laboratory chemistry and scientific laboratories, used to stabilize pH values in buffer systems and as a source of nutrients for microorganisms. The chemical formula is Na2HPO4-2H2O and has good solubility in water. It allows control and stabilization of pH and facilitates the cultivation of microorganisms and chemical reactions in controlled pH ranges.

Order-No.:	Amount:	Price:
19095.00100	**100 ml**	**13,35**
19095.00250	**250 ml**	**16,99**
19095.00500	**500 ml**	**25,68**
19095.01000	**1.000 ml**	**34,22**
19095.02500	**2.500 ml**	**66,16**

Diastase Solution 0.1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Diastase

Glycogen dissolution

Diastase Solution 0.1% is an important tool in histology, especially in PAS Diastase staining. It consists of diastase and pure water and is used to remove glycogen from tissue specimens to achieve more specific staining and improved visibility of cell structures, allowing accurate histological assessment and diagnosis.

Order-No.:	Amount:	Price:
11542.00100	**100 ml**	**14,73**
11542.00250	**250 ml**	**17,34**
11542.00500	**500 ml**	**26,79**
11542.01000	**1.000 ml**	**35,63**
11542.02500	**2.500 ml**	**69,41**

Diastase Solution 0.5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Diastase

Glycogen dissolution

Diastase Solution 0.5% is a laboratory chemical for histological staining that removes glycogen from tissue sections. The enzyme mixture in the solution cleaves glycogen into glucose units and enables better visualization of tissue structures. In combination with staining kits, it facilitates specific staining and improves histological results.

Order-No.:	Amount:	Price:
14938.00100	**100 ml**	**17,89**
14938.00250	**250 ml**	**26,43**
14938.00500	**500 ml**	**38,12**
14938.01000	**1.000 ml**	**71,97**
14938.02500	**2.500 ml**	**153,45**

Dithiothreitol Solution, aq

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Dithiothreitol (DTT)

Use as laboratory reagent

Dithiothreitol solution (DTT) is an aqueous solution used in medical diagnostics, histology and scientific laboratories. It is mainly used to reduce disulfide bonds in proteins and stabilize enzymes to elucidate protein structures or examine biological samples.

Order-No.:	Amount:	Price:
18622.00100	**100 ml**	**26,42**
18622.00250	**250 ml**	**40,18**
18622.00500	**500 ml**	**73,34**
18622.01000	**1.000 ml**	**126,98**
18622.02500	**2.500 ml**	**280,65**

07. Laboratory chemicals

Ether - Ethanol (1:1)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Diethyl ether anhydrous

Use as laboratory reagent

Ether-ethanol (1:1) is a versatile solution for chemical and biological laboratories. It enables effective solvent combinations for sample preparation, extraction and purification of substances. The solution dissolves polar and non-polar molecules and is suitable for liquid-liquid extraction, targeted isolation of analytes, crystallization and as an eluent in chromatography applications.

Order-No.:	Amount:	Price:
15360.00100	**100 ml**	**36,76**
15360.00250	**250 ml**	**61,50**
15360.00500	**500 ml**	**88,85**
15360.01000	**1.000 ml**	**173,86**
15360.02500	**2.500 ml**	**389,53**

Ether - Ethanol (4:1)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Diethyl ether anhydrous
- Ethyl alcohol

Use as laboratory reagent

Ether-ethanol (4:1) is a powerful reagent in medical and histological diagnostics. The solution of diethyl ether and denatured ethanol dissolves organic compounds and improves the solubility of certain substances. It is used for extraction, purification and performing chemical reactions.

Order-No.:	Amount:	Price:
16382.00100	**100 ml**	**41,02**
16382.00250	**250 ml**	**73,74**
16382.00500	**500 ml**	**114,14**
16382.01000	**1.000 ml**	**222,81**
16382.02500	**2.500 ml**	**505,78**

Ferric chloride 29 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %

Differentiation / pickling / bluing

Perl's Prussian-Blue reaction is a staining method in histology that uses 29% ferric chloride solution to detect iron deposition, especially hemosiderin, in tissue samples. This method is useful in the study of diseases such as hemochromatosis, hemolysis, or tissue hemorrhage. In metallography, it is used as an etchant to detect phosphorus segregation and grain structures in steels.

Order-No.:	Amount:	Price:
11137.00250	**250 ml**	**14,92**
11137.00500	**500 ml**	**20,25**
11137.01000	**1.000 ml**	**25,95**

Formalin DecalFix (formic acid)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Formic acid

Fixation of tissue samples

Formalin DecalFix (formic acid) is a solution of aqua dist./VE water, formaldehyde and formic acid used in medicine and science to fix and decalcify tissue samples. It stabilizes organic structures, preserves cellular morphology and enables precise microscopic analysis.

Order-No.:	Amount:	Price:
13993.00100	**100 ml**	**15,05**
13993.00250	**250 ml**	**22,13**
13993.00500	**500 ml**	**29,72**
13993.01000	**1.000 ml**	**39,35**
13993.02500	**2.500 ml**	**78,00**

Formalin-DecalFix (glacial acetic acid)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formaldehyde ~37%, stabilised
- Acetic acid 99%

Fixation of tissue samples

Formalin-DecalFix (glacial acetic acid) consists of aqua dist./VE water, formaldehyde and acetic acid. It is used in medical diagnostics, histology and laboratories for simultaneous fixation and decalcification of tissue samples. It stabilizes organic structures and removes mineral deposits efficiently.

Order-No.:	Amount:	Price:
14053.00100	**100 ml**	**15,13**
14053.00250	**250 ml**	**21,84**
14053.00500	**500 ml**	**29,28**
14053.01000	**1.000 ml**	**38,94**
14053.02500	**2.500 ml**	**72,86**

Gelatine - Citric Acid Solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Gelatin
- Citric acid

Use as laboratory reagent

Gelatin citric acid solution is used in histology and pathology to stabilize tissue samples and regulate pH during processing. Its gel-forming and pH-regulating properties make it useful in various applications such as fixation, embedding and buffering.

Order-No.:	Amount:	Price:
12766.00250	**250 ml**	**25,94**
12766.00500	**500 ml**	**37,11**
12766.01000	**1.000 ml**	**70,04**

Gelatine 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Gelatin

Use as laboratory reagent

Gelatin 5 % is used as a stabilizer in Warthin-Starry staining to visualize spirochetes and other thin microorganisms. Its ability to form stable gel structures stabilizes the silver solution and improves the staining result. Gelatin 5% is versatile, biodegradable and compatible.

Order-No.:	Amount:	Price:
13369.00100	**100 ml**	**21,59**
13369.00250	**250 ml**	**28,80**
13369.00500	**500 ml**	**40,47**
13369.01000	**1.000 ml**	**73,96**

Hydrogen Peroxide 30 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrogen peroxide 30 %

Oxidation of tissue samples. Laboratory reagent.

Hydrogen peroxide 30% is a powerful laboratory chemical used in analytics, materialography and histology. It is used for cleaning wafers, generating oxide films, etching additive and improving immunohistochemistry experiments by reducing non-specific background staining.

Order-No.:	Amount:	Price:
16560.00100	**100 ml**	**17,53**
16560.00250	**250 ml**	**18,85**
16560.00500	**500 ml**	**30,30**
16560.01000	**1.000 ml**	**49,21**
16560.02500	**2.500 ml**	**91,67**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

07. Laboratory chemicals

Product	Description	Order Information

Iron(III) Chloride 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %

Differentiation / pickling / bluing

Ferric Chloride 1% is a solution used in histology as an oxidizing agent or stain to prepare tissue preparations for staining, such as Perl's Prussian Blue. It helps visualize iron deposits in tissues and is important for detecting tissue characteristics or pathological changes.

Order-No.:	Amount:	Price:
10174.00100	**100 ml**	**14,69**
10174.00250	**250 ml**	**16,34**
10174.00500	**500 ml**	**21,13**
10174.01000	**1.000 ml**	**24,12**

Iron(III) Chloride 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %

Differentiation / pickling / bluing

Iron(III) chloride is a chemical compound used in various scientific and technical applications, such as histology, cytology and metallography. It is used as a mordant, etchant and oxidant to highlight structures in tissues, microstructures of metals and as a catalyst in chemical reactions.

Order-No.:	Amount:	Price:
11691.00100	**100 ml**	**16,02**
11691.00250	**250 ml**	**16,55**
11691.00500	**500 ml**	**21,80**
11691.01000	**1.000 ml**	**24,97**
11691.02500	**2.500 ml**	**42,84**

Iron(III) Chloride 14 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %

Differentiation / pickling / bluing

Ferric chloride 14% is an aqueous solution of the salt ferric chloride. It is used in chemistry, especially in synthesis and analysis, and finds application in precipitation reactions, staining methods of histology, as a catalyst in organic chemistry, water treatment and as an etchant in the electronics industry.

Order-No.:	Amount:	Price:
11496.00250	**250 ml**	**14,15**
11496.00500	**500 ml**	**15,33**
11496.01000	**1.000 ml**	**22,89**

Iron(III) Chloride 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %

Differentiation / pickling / bluing

Ferric chloride 2% is a chemical solution used in histology, analytics and water treatment. It serves as a mordant in staining methods, reagent for the determination of phenols, tannins and phosphates, and as a flocculant for suspended matter removal and water quality improvement.

Order-No.:	Amount:	Price:
12019.00100	**100 ml**	**12,20**
12019.00250	**250 ml**	**16,36**
12019.00500	**500 ml**	**21,20**
12019.01000	**1.000 ml**	**24,21**
12019.02500	**2.500 ml**	**41,08**

Iron(III) Chloride 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %

Differentiation / pickling / bluing

Iron(III) Chloride 20 % is a yellow-brown solution used in materialography and histology. In materialography it makes the surface structure of metals visible, while in histology it is used to visualize iron deposits in tissue.

Order-No.:	Amount:	Price:
12101.00250	**250 ml**	**14,32**
12101.00500	**500 ml**	**18,73**
12101.01000	**1.000 ml**	**23,57**

Iron(III) Chloride 32 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron(III) Chloride 40 %

Differentiation / pickling / bluing

Iron(III) Chloride 32 % is a concentrated solution used in diluted form in histology for staining tissue samples and identifying hemosiderin. It is also used in metallography for etching metals and alloys and in etching printed circuit boards to remove unwanted copper.

Order-No.:	Amount:	Price:
11341.00250	**250 ml**	**14,72**
11341.00500	**500 ml**	**19,98**
11341.01000	**1.000 ml**	**25,15**

Iron(III) Chloride 40 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- water
- Iron(III)chloride hexahydrate

Water treatment / etching solution

Ferric chloride 40% is widely used, especially in water treatment for flocculation of suspended solids and as an odor eliminator. The chemical agent has strong Lewis acid properties and is also used in the electronics industry, production of dyes and in histology and medical diagnostics.

Order-No.:	Amount:	Price:
13717.00100	**100 ml**	**22,44**
13717.00250	**250 ml**	**33,51**
13717.00500	**500 ml**	**58,73**
13717.01000	**1.000 ml**	**108,49**
13717.02500	**2.500 ml**	**246,99**
13717.05000	**5.000 ml**	**342,16**
13717.10000	**10.000 ml**	**481,65**
13717.20000	**20.000 ml**	**574,11**
13717.25000	**25.000 ml**	**713,14**
13717.30000	**30.000 ml**	**851,96**

Iron(III) chloride solution for Bitter Technology

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Iron (II) chloride tetrahydrate
- Iron(III)chloride hexahydrate

Water treatment / etching solution

The ferric chloride solution, part of etchant kits, is a widely used staining agent in metallography and laboratories. Due to its chemical composition and reactivity, it enables etching of metals, which allows studies of metal grain structures and phases. It is mainly used in materials science.

Order-No.:	Amount:	Price:
19335.00100	**100 ml**	**12,56**
19335.00250	**250 ml**	**13,22**
19335.00500	**500 ml**	**17,36**
19335.01000	**1.000 ml**	**20,83**
19335.02500	**2.500 ml**	**36,75**

07. Laboratory chemicals

Isotonic Ammonium Sulfate Solution

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium chloride
- Ammonium sulfate p.A.
- Sodium azide

Use as laboratory reagent

The isotonic ammonium sulfate solution is used in biochemistry and molecular biology to purify and precipitate proteins. It protects biological cells from osmotic stress and inhibits the growth of bacteria. The solution has isotonic properties that do not disturb cell equilibrium and is a valuable tool for scientific applications.

Order-No.:	Amount:	Price:
13805.00100	**100 ml**	**15,42**
13805.00250	**250 ml**	**35,39**
13805.00500	**500 ml**	**52,71**
13805.01000	**1.000 ml**	**100,48**
13805.02500	**2.500 ml**	**219,78**

Lithium Carbonate 0.05 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Lithium carbonate

Differentiation / pickling / bluing

Lithium carbonate (0.05%) can be used in histology to enhance the staining of tissue sections with hematoxylin and eosin (H&E). Treatment with lithium carbonate solution removes excess hematoxylin and provides sharp contrast staining, enabling microscopic image quality and precise analysis of tissue structure.

Order-No.:	Amount:	Price:
11714.00100	**100 ml**	**15,25**
11714.00250	**250 ml**	**17,76**
11714.00500	**500 ml**	**24,16**
11714.01000	**1.000 ml**	**29,79**
11714.02500	**2.500 ml**	**52,44**

Lithium Carbonate 1 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Lithium carbonate

Differentiation / pickling / bluing

The 1% lithium carbonate solution is a specialized laboratory reagent for biochemical research and medical diagnostics. It is used to study lithium metabolism and its influence on biological systems and to control lithium levels in the body.

Order-No.:	Amount:	Price:
14207.00100	**100 ml**	**16,52**
14207.00250	**250 ml**	**21,42**
14207.00500	**500 ml**	**27,12**
14207.01000	**1.000 ml**	**44,44**
14207.02500	**2.500 ml**	**86,31**

Lithium Carbonate, saturated (~ 1.3 %)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Lithium carbonate

Differentiation / pickling / bluing

Saturated lithium carbonate (1.3%) is an aqueous solution used in histology and histochemistry for differentiating stains. It removes excess hematoxylin dye and enables differentiated staining. Lithium carbonate also has applications in industry and medicine, such as in the manufacture of glass, ceramics, lithium-ion batteries, and as a mood stabilizer in bipolar disorder.

Order-No.:	Amount:	Price:
11131.00100	**100 ml**	**15,66**
11131.00250	**250 ml**	**20,02**
11131.00500	**500 ml**	**29,94**
11131.01000	**1.000 ml**	**46,34**
11131.02500	**2.500 ml**	**94,18**

Magnesium Chloride Solution

Lagerung: *15 ... 25 °C*

Relevant Incredients:
-

Use as laboratory reagent

Magnesium chloride solution is used in molecular biology research as a component of buffer solutions to stabilize DNA polymerase. Chemically it is a salt and its ability to stabilize enzymes and proteins makes it an important ingredient in work with nucleic acids and proteins.

Order-No.:	Amount:	Price:
12932.00100	**100 ml**	**13,57**
12932.00250	**250 ml**	**19,40**
12932.00500	**500 ml**	**23,37**
12932.01000	**1.000 ml**	**43,87**
12932.02500	**2.500 ml**	**88,46**

Methenamine 3 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Methenamine

Differentiation / pickling / bluing

The 3% methenamine solution is an organic compound used in various applications such as preservative, disinfectant and antiseptic. In histology and microscopy, it is used as a component of methenamine silver stains to visualize specific structures or microorganisms in tissue specimens. Proper concentration and protocols are important for optimal staining results.

Order-No.:	Amount:	Price:
11521.00100	**100 ml**	**14,83**
11521.00250	**250 ml**	**17,72**
11521.00500	**500 ml**	**25,04**
11521.01000	**1.000 ml**	**31,54**
11521.02500	**2.500 ml**	**57,34**

Periodic Acid 0.8 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Periodic Acid

Oxidation of tissue samples

The 0.8% periodic acid solution is used in biomedical and diagnostic procedures, especially PLP fixation in histological research. It generates aldehydes by cleavage of vicinal diols in carbohydrates, allowing specific staining and increased antigenicity.

Order-No.:	Amount:	Price:
14248.00100	**100 ml**	**18,28**
14248.00250	**250 ml**	**26,26**
14248.00500	**500 ml**	**32,45**
14248.01000	**1.000 ml**	**41,77**
14248.02500	**2.500 ml**	**81,25**

Phenol 1 %, aqueous

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Phenol

Use as laboratory reagent

Phenol 1%, aqueous is a laboratory reagent solution used for the extraction of nucleic acids and proteins from biological samples. It enables the separation of water-insoluble molecules and facilitates the fixation or staining of cells and tissues for microscopic analysis and diagnostic tests.

Order-No.:	Amount:	Price:
15662.00100	**100 ml**	**12,97**
15662.00250	**250 ml**	**15,89**
15662.00500	**500 ml**	**22,22**
15662.01000	**1.000 ml**	**29,83**
15662.02500	**2.500 ml**	**55,99**

07. Laboratory chemicals

Phosphotungstic acid-phosphomolybdic acid solution

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphotungstic acid
- Phosphomolybdic acid

Differentiation / pickling / bluing

Ready-to-use solution Phosphotungstic acid-phosphomolybdic acid solution for use in histology or zytology for Differentiation / pickling / bluing

Order-No.:	Amount:	Price:
11164.00100	**100 ml**	**24,36**
11164.00250	**250 ml**	**43,24**
11164.00500	**500 ml**	**90,90**
11164.01000	**1.000 ml**	**139,23**
11164.02500	**2.500 ml**	**308,99**

Potassium Carbonate 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium carbonate

Use as laboratory reagent

Potassium carbonate 1% as a laboratory chemical is a high-purity single solution for a wide range of applications in the laboratory. The solution (K_2CO_3) is used, among other things, in staining kits for visualizing plant cell structures and microscopic examinations. In addition, it can neutralize acids and is used in titrations and buffer solutions for pH regulation.

Order-No.:	Amount:	Price:
16809.00100	**100 ml**	**12,94**
16809.00250	**250 ml**	**15,81**
16809.00500	**500 ml**	**21,97**
16809.01000	**1.000 ml**	**29,51**
16809.02500	**2.500 ml**	**55,25**

Potassium Chloride 0.075 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium chloride

Differentiation / pickling / bluing

The potassium chloride solution (0.075 mol/l) is used in disciplines such as histology, medical diagnostics and life sciences, mainly as a buffer solution and electrolyte solution. Its precise molarity enables accurate experiments and analysis in various laboratories.

Order-No.:	Amount:	Price:
14185.00100	**100 ml**	**15,03**
14185.00250	**250 ml**	**21,55**
14185.00500	**500 ml**	**28,40**
14185.01000	**1.000 ml**	**37,81**
14185.02500	**2.500 ml**	**70,18**

Potassium Chloride 3.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium chloride

Differentiation / pickling / bluing

Potassium chloride (KCl) 3.0 mol/l is a saturated solution used in chemistry and biology. KCl is commonly used as a buffer component, to adjust ionic strength, to produce hyperkalemia in studies or in microelectrodes. In chemistry, it is used to prepare potassium salts, as a catalyst or reagent.

Order-No.:	Amount:	Price:
11371.00100	**100 ml**	**21,35**
11371.00250	**250 ml**	**29,97**
11371.00500	**500 ml**	**41,44**
11371.01000	**1.000 ml**	**78,80**

Potassium Chloride Solution, alkaline

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sodium Hydroxide / Caustic Soda 10 % (~ 2.7 mol/l)
- Sodium chloride

Detection of amyloid deposits

The alkaline saline solution, consisting of sodium hydroxide and sodium chloride, is used in staining kits such as the Congo red according to Puchtler. It increases the pH of the Congo red solution, optimizes the staining reaction and improves staining intensity and quality. This enables precise and reliable staining results in in vitro diagnostics to better identify and classify cells and tissues.

Order-No.:	Amount:	Price:
14853.00100	**100 ml**	**15,66**
14853.00250	**250 ml**	**18,92**
14853.00500	**500 ml**	**27,83**
14853.01000	**1.000 ml**	**34,45**
14853.02500	**2.500 ml**	**63,22**

Potassium Chloride Solution, alkaline with 1,5 % NaCl

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sodium chloride

Staining of tissue samples

Alcoholic saline solution with 1.5% NaCl is a chemical solution used in medical diagnostics, histology and scientific laboratories. It consists of denatured ethanol, distilled water and sodium chloride. The solution is an important component of staining kits and enables effective dehydration of tissue samples and improved staining.

Order-No.:	Amount:	Price:
18075.00100	**100 ml**	**16,21**
18075.00250	**250 ml**	**19,70**
18075.00500	**500 ml**	**28,34**
18075.01000	**1.000 ml**	**37,71**

Potassium Di-Hydrogene Phosphate 0.066 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dihydrogen phosphate

Preparation of buffer solutions

Potassium dihydrogen phosphate 0.066 mol/l is suitable for the preparation of Sörensen buffer solutions, which consist of a combination of weak acids and corresponding bases. This solution is mixed with disodium hydrogen phosphate, with different concentrations determining the pH value. Applications include stabilization of biochemical reactions, cell culture media and analytical procedures.

Order-No.:	Amount:	Price:
15922.00100	**100 ml**	**10,24**
15922.00250	**250 ml**	**15,23**
15922.00500	**500 ml**	**20,15**
15922.01000	**1.000 ml**	**27,20**
15922.02500	**2.500 ml**	**49,92**

Potassium dihydrogen phosphate 0,5 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium dihydrogen phosphate

pH value adjustment, titration

Potassium dihydrogen phosphate (KH_2PO_4) is used in laboratory chemistry and scientific laboratories, especially in phosphate buffer systems for pH stabilization. It is also a component in growth media for microorganisms and is used in histology to improve the coloration of tissue samples.

Order-No.:	Amount:	Price:
19089.00100	**100 ml**	**10,61**
19089.00250	**250 ml**	**16,30**
19089.00500	**500 ml**	**23,51**
19089.01000	**1.000 ml**	**31,47**
19089.02500	**2.500 ml**	**59,79**

07. Laboratory chemicals

Potassium Iodide 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium iodide

Use as laboratory reagent

Potassium Iodide 10% is an important laboratory chemical used mainly in medical and histological diagnostics. It enables iodine-starch reactions for starch identification in biological samples and is used in iodometric titrations. It provides accurate and repeatable results for diagnostic capabilities in various contexts.

Order-No.:	Amount:	Price:
16007.00100	**100 ml**	**32,57**
16007.00250	**250 ml**	**53,99**
16007.00500	**500 ml**	**85,81**
16007.01000	**1.000 ml**	**150,05**
16007.02500	**2.500 ml**	**338,32**

Potassium Permanganate Sulfuric Acid (C) acc. to GORDON & SWEET

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %
- Potassium permanganate

Use as laboratory reagent

Potassium permanganate-sulfuric acid solutions are etching solutions used in metallography to visualize the microstructure of metals, especially stainless steel. The combination of potassium permanganate and sulfuric acid allows detailed analysis of material properties. Safety precautions are required when handling these hazardous chemicals.

Order-No.:	Amount:	Price:
10237.00100	**100 ml**	**15,96**
10237.00250	**250 ml**	**18,97**
10237.00500	**500 ml**	**24,83**
10237.01000	**1.000 ml**	**44,34**
10237.02500	**2.500 ml**	**74,39**

Potassium permanganate-sulfuric acid (A)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %
- Potassium permanganate

Use as laboratory reagent

Potassium permanganate sulfuric acid is a laboratory chemical mainly used as an oxidizing agent in various laboratory applications. It is particularly suitable for organic chemistry, oxidation state determination and cleaning solutions. Its strong oxidizing property enables a wide range of applications.

Order-No.:	Amount:	Price:
15436.00100	**100 ml**	**12,81**
15436.00250	**250 ml**	**15,44**
15436.00500	**500 ml**	**20,11**
15436.01000	**1.000 ml**	**35,65**
15436.02500	**2.500 ml**	**58,85**

Pyrogallol 1 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Pyrogallol

Use as laboratory reagent

Pyrogallol 1% aqueous is an effective laboratory chemical used in medical and histological diagnostics. It is used for staining of plant cells, proteins, analysis of phenols, oxidants, oxidation and reduction research as well as enzyme activity determination and polarography of metals. Despite possible yellow staining, the suitability for use is maintained.

Order-No.:	Amount:	Price:
16170.00100	**100 ml**	**16,38**
16170.00250	**250 ml**	**22,10**
16170.00500	**500 ml**	**34,13**
16170.01000	**1.000 ml**	**54,66**
16170.02500	**2.500 ml**	**113,40**

Saponin 0,1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Use as laboratory reagent

Saponin 0.1% is used in biochemical and cell biology applications to increase membrane permeability and improve cell lysis or penetration of antibodies/dyes into cells. The effect is based on interaction with cholesterol in cell membranes. The solution can provide reliable experimental results and can be used in immunological studies.

Order-No.:	Amount:	Price:
15288.00100	**100 ml**	**10,33**
15288.00250	**250 ml**	**15,50**
15288.00500	**500 ml**	**20,98**
15288.01000	**1.000 ml**	**28,25**
15288.02500	**2.500 ml**	**52,35**

Sodium Acetate 1.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetat

Use as laboratory reagent

Sodium acetate 1.0 mol/l is a versatile laboratory chemical used especially in biochemistry and molecular biology as a buffer solution to maintain a stable pH level. Due to its low toxicity, it is also used in food and pharmaceutical industries.

Order-No.:	Amount:	Price:
16821.00100	**100 ml**	**13,19**
16821.00250	**250 ml**	**16,53**
16821.00500	**500 ml**	**24,24**
16821.01000	**1.000 ml**	**32,39**
16821.02500	**2.500 ml**	**61,91**

Sodium Acetate 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium acetat

Use as laboratory reagent

Sodium acetate solution is often used in life science and medical diagnostics as a buffer and for DNA extraction. It regulates the pH of the system and plays an important role in biological and chemical reactions. It is also used in histology to optimize the interaction between stains and tissues.

Order-No.:	Amount:	Price:
13844.00100	**100 ml**	**15,93**
13844.00250	**250 ml**	**24,16**
13844.00500	**500 ml**	**25,50**
13844.01000	**1.000 ml**	**48,23**
13844.02500	**2.500 ml**	**94,92**

Sodium Azide 0,1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium azide

Preservation of laboratory reagents

Sodium azide 0.1% is a preservative for medical, histological and scientific applications. It prevents bacterial and fungal growth, reduces oxygen consumption and allows longer sample storage. In addition, it is used for the production of antibodies and enzyme inactivation.

Order-No.:	Amount:	Price:
17858.00100	**100 ml**	**37,02**
17858.00250	**250 ml**	**48,56**
17858.00500	**500 ml**	**71,01**
17858.01000	**1.000 ml**	**101,91**
17858.02500	**2.500 ml**	**205,68**

07. Laboratory chemicals

Sodium Azide 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium azide

Preservation of laboratory reagents

Sodium Azide 10% is a highly concentrated solution used in histology, medical diagnostics and life sciences as a bacteriostatic and bactericidal agent. It inactivates enzymes and preserves biological samples such as antibodies and proteins during prolonged storage. The effect is based on the inhibition of the cytochromic electron transport system in bacteria.

Order-No.:	Amount:	Price:
13553.00100	**100 ml**	**126,71**
13553.00250	**250 ml**	**259,49**
13553.00500	**500 ml**	**396,65**
13553.01000	**1.000 ml**	**804,87**

Sodium Azide 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium azide

Preservation of laboratory reagents

Sodium azide 2% is an effective inorganic solution used in various scientific applications such as microbiology, biochemistry and immunology to inhibit bacterial growth and thus prevent contamination. It is widely used for the preservation of biological samples and solutions and as a component of buffer systems.

Order-No.:	Amount:	Price:
13741.00100	**100 ml**	**80,79**
13741.00250	**250 ml**	**123,91**
13741.00500	**500 ml**	**142,71**
13741.01000	**1.000 ml**	**297,73**

Sodium Azide 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium azide

Preservation of laboratory reagents

Sodium azide 20% is a single solution used in medical diagnostics, histology and scientific laboratories. It is used as a preservative for blood samples, fixative for tissue samples and inhibitor for enzymes. The solution is used as a stock solution for dilutions or as an additive to other solutions.

Order-No.:	Amount:	Price:
18189.00100	**100 ml**	**187,20**
18189.00250	**250 ml**	**433,39**
18189.00500	**500 ml**	**895,84**
18189.01000	**1.000 ml**	**1799,18**

Sodium Bi-Carbonate 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydrogen carbonate

Use as laboratory reagent

Sodium bicarbonate 5% is a widely used chemical in laboratory environments and serves as a weak base for pH regulation. It neutralizes acidic solutions and is used in biochemical and biotechnological experiments, buffer preparation, cell culture media and enzymatic reactions, improving accuracy and control.

Order-No.:	Amount:	Price:
15300.00100	**100 ml**	**11,21**
15300.00250	**250 ml**	**16,22**
15300.00500	**500 ml**	**23,25**
15300.01000	**1.000 ml**	**31,13**
15300.02500	**2.500 ml**	**59,01**

Sodium Chloride 0.9 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride

Differentiation / pickling / bluing

Sodium chloride 0.9%, also known as isotonic saline, corresponds to the salt concentration in human body fluids. A non-sterile version can be used in cell biology, educational facilities and laboratory cleaning, but not for medical applications or cell culture where sterility is required.

Order-No.:	Amount:	Price:
11679.00250	**250 ml**	**15,13**
11679.00500	**500 ml**	**19,82**
11679.01000	**1.000 ml**	**26,79**
11679.02500	**2.500 ml**	**48,95**

Sodium Chloride 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium chloride

Use as laboratory reagent

Sodium chloride 1 % solution is used in medical diagnostic procedures, especially in histology, and in scientific laboratory applications. The solution consists of sodium chloride (NaCl) in water (H2O) and serves as a physiological saline solution for specimen preparation and as a solvent for various experiments.

Order-No.:	Amount:	Price:
15171.00100	**100 ml**	**13,96**
15171.00250	**250 ml**	**15,14**
15171.00500	**500 ml**	**19,85**
15171.01000	**1.000 ml**	**26,81**
15171.02500	**2.500 ml**	**49,02**

Sodium deoxycholate 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Denaturation and separation of proteins

Sodium deoxycholate 2% is an aqueous solution commonly used in laboratories. Due to its polar and non-polar properties, it can affect protein and membrane structures, emulsify lipids and fats, and break lipid double membranes and denature proteins. It is mainly used in molecular biology and histology.

Order-No.:	Amount:	Price:
19425.00100	**100 ml**	**52,83**
19425.00250	**250 ml**	**77,08**
19425.00500	**500 ml**	**190,68**
19425.01000	**1.000 ml**	**248,21**
19425.02500	**2.500 ml**	**571,47**

Sodium Di-Thionite 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium dithionite

Use as laboratory reagent

Sodium dithionite is a powerful reducing agent that has found widespread use in chemistry and life science, especially for the reduction of disulfide bonds in proteins. It has high solubility in water and decomposes rapidly when it consumes oxygen, making it a valuable reagent in chemical research and analysis.

Order-No.:	Amount:	Price:
13609.00100	**100 ml**	**13,98**
13609.00250	**250 ml**	**18,78**
13609.00500	**500 ml**	**22,06**
13609.01000	**1.000 ml**	**41,39**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

07. Laboratory chemicals

Sodium Disulfite 0.52 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium metabisulfite

Differentiation / pickling / bluing

Sodium disulfite (0.52%) is a versatile laboratory chemical used in various scientific fields. It is mainly used as a preservative, stabilizer or antioxidant in the food industry and is suitable for redox and titration experiments in chemical analysis. Applications range from the determination of chloride, sulfate and bromide concentrations to the stabilization of vitamin C contents and influencing the fermentation of beverages.

Order-No.:	Amount:	Price:
14667.00100	**100 ml**	**11,46**
14667.00250	**250 ml**	**15,15**
14667.00500	**500 ml**	**19,90**
14667.01000	**1.000 ml**	**26,88**
14667.02500	**2.500 ml**	**49,17**

Sodium Disulfite 1%

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium metabisulfite

Differentiation / pickling / bluing

Sodium disulfite, also known as sodium metabisulfite, is a chemical compound with many uses in histology. It serves as an antioxidant, reducing agent and bleaching agent in staining techniques, stabilizing dyes and improving their durability and effectiveness. It is particularly used in silver plating techniques by reducing silver ions to metallic silver.

Order-No.:	Amount:	Price:
11800.00100	**100 ml**	**15,24**
11800.00250	**250 ml**	**17,73**
11800.00500	**500 ml**	**24,09**
11800.01000	**1.000 ml**	**29,70**
11800.02500	**2.500 ml**	**52,22**
11800.05000	**5.000 ml**	**80,02**

Sodium Disulfite 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium metabisulfite

Differentiation / pickling / bluing

Sodium disulfite is used in various industries due to its reducing and antioxidant properties. It is used, among other things, as a heavy metal remover in water treatment, as a preservative in the food industry, and as a reducing agent in the photography and textile industries. It is rarely used in histology.

Order-No.:	Amount:	Price:
13108.00100	**100 ml**	**10,82**
13108.00250	**250 ml**	**16,91**
13108.00500	**500 ml**	**19,59**
13108.01000	**1.000 ml**	**33,90**
13108.02500	**2.500 ml**	**65,39**

Sodium Disulfite 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium metabisulfite

Differentiation / pickling / bluing

The 2% sodium disulfite or sodium metabisulfite solution is a chemical compound used as a reducing agent in histology, cytology, photography and food industry. It removes oxygen, reduces colors and stabilizes images. Protective measures are required when working with these chemicals.

Order-No.:	Amount:	Price:
11530.00100	**100 ml**	**12,80**
11530.00250	**250 ml**	**15,40**
11530.00500	**500 ml**	**20,69**
11530.01000	**1.000 ml**	**27,88**
11530.02500	**2.500 ml**	**51,49**

Sodium disulphite / sodium metabisulphite 4 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium metabisulfite

Differentiation / pickling / bluing

Sodium disulfite / sodium metabisulfite 4% is used in medical diagnostics, histology and scientific laboratories, especially as part of the staining kit for Hepatitis B Antigen Victoria Blue staining. It serves as a reducing agent to reduce or stabilize dyes and enables their attachment to specific cells or tissue structures.

Order-No.:	Amount:	Price:
10252.00100	**100 ml**	**12,92**
10252.00250	**250 ml**	**15,75**
10252.00500	**500 ml**	**21,79**
10252.01000	**1.000 ml**	**29,29**
10252.02500	**2.500 ml**	**54,74**

Sodium dodecyl sulfate solution 2%, Tween 0.1%

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium lauryl sulfate
- Tween 20

denaturation of proteins

Sodium dodecyl sulfate solution 2%, Tween 0.1% is a chemical mixture mainly used in laboratory chemistry. It serves as a detergent, detergent and emulsifier in biochemical experiments and protein purification procedures. The solution can remove grease and protein residues and prevents their re-deposition.

Order-No.:	Amount:	Price:
19374.00100	**100 ml**	**19,37**
19374.00250	**250 ml**	**23,25**
19374.00500	**500 ml**	**29,64**
19374.01000	**1.000 ml**	**44,59**
19374.02500	**2.500 ml**	**86,28**

Sodium Hydrogen-Carbonate 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydrogen carbonate

Use as laboratory reagent

The 2% sodium hydrogen carbonate solution is an important reagent in medical diagnostics and life sciences, used for pH regulation in biological systems and cell cultures. It neutralizes acids and contributes to effective buffering.

Order-No.:	Amount:	Price:
14413.00100	**100 ml**	**15,84**
14413.00250	**250 ml**	**20,52**
14413.00500	**500 ml**	**22,71**
14413.01000	**1.000 ml**	**30,83**
14413.02500	**2.500 ml**	**60,03**

Sodium Hydrogene Phosphate 0.066 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium dihydrogen phosphate monohydrate

Preparation of buffer solutions

Sodium dihydrogen phosphate 0.066 mol/l is used to prepare buffer solutions and is a component of Sörensen buffer solutions. These buffer systems consist of weak acids and bases and stabilize biochemical reactions, cell culture media and analytical procedures by minimizing pH fluctuations.

Order-No.:	Amount:	Price:
15928.00100	**100 ml**	**12,87**
15928.00250	**250 ml**	**15,61**
15928.00500	**500 ml**	**21,35**
15928.01000	**1.000 ml**	**28,72**
15928.02500	**2.500 ml**	**53,43**

07. Laboratory chemicals

Sodium hypochlorite 0,5

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Use as laboratory reagent

Sodium hypochlorite 0.5% is an effective solution for disinfection, cleaning, bleaching processes and water treatment. The strong oxidizing property of hypochlorite titanium ion destroys microorganisms and oxidizes colored compounds. The solution is particularly suitable for low concentrations and can be used in various environments, including hospitals, laboratories, food industry and households.

Order-No.:	Amount:	Price:
12871.00100	**100 ml**	**12,36**
12871.00250	**250 ml**	**14,28**
12871.00500	**500 ml**	**18,22**
12871.01000	**1.000 ml**	**23,38**
12871.02500	**2.500 ml**	**42,24**
12871.05000	**5.000 ml**	**54,67**
12871.10000	**10.000 ml**	**101,87**

Sodium Hypochlorite 0,9 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite
- Aqua dest. / pure water

Use as laboratory reagent

Sodium hypochlorite 0.9% is a dilute solution used for disinfection, cleaning and sterilization in laboratories. It acts as an oxidizing and disinfecting agent, selectively destroys proteins, membrane lipids and nucleic acids, and contributes to the safety and efficiency of diagnostic processes.

Order-No.:	Amount:	Price:
18545.00100	**100 ml**	**9,76**
18545.00250	**250 ml**	**14,04**
18545.00500	**500 ml**	**17,82**
18545.01000	**1.000 ml**	**22,42**
18545.02500	**2.500 ml**	**40,41**
18545.05000	**5.000 ml**	**66,73**

Sodium Hypochlorite 0.1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolving of slimes/ preparation of etching solutions

Sodium hypochlorite 0.1% is used as an oxidizing agent in analytical processes to determine chemical compounds. It serves as an effective disinfectant and is important in microbiology, virology as well as water treatment. The 0.1% concentration allows controlled and reliable application.

Order-No.:	Amount:	Price:
15029.00100	**100 ml**	**9,82**
15029.00250	**250 ml**	**14,16**
15029.00500	**500 ml**	**17,86**
15029.01000	**1.000 ml**	**22,92**
15029.02500	**2.500 ml**	**41,18**
15029.05000	**5.000 ml**	**67,01**
15029.10000	**10.000 ml**	**124,18**

Sodium Hypochlorite 0.37 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolving mucus

Sodium hypochlorite 0.37% is a reliable source of active chlorine and is used in various scientific fields, such as oxidizing or chlorinating agents in chemical reactions, inactivation of microorganisms in microbiology, bleaching agents in paper and textile industries, and disinfection of surfaces and equipment in laboratories.

Order-No.:	Amount:	Price:
15084.00100	**100 ml**	**10,97**
15084.00250	**250 ml**	**13,91**
15084.00500	**500 ml**	**17,41**
15084.01000	**1.000 ml**	**21,89**
15084.02500	**2.500 ml**	**39,20**

Sodium Hypochlorite 0.6 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Use as laboratory reagent

Sodium hypochlorite 0.6% has a wide application as a disinfectant and bleaching agent, especially in medical field. Its effectiveness against microorganisms and organic compounds comes from the oxidizing power of the hypochlorite ion, with an advantage of reduced odor and irritating effect.

Order-No.:	Amount:	Price:
13545.00100	**100 ml**	**12,25**
13545.00250	**250 ml**	**13,99**
13545.00500	**500 ml**	**17,69**
13545.01000	**1.000 ml**	**22,25**
13545.02500	**2.500 ml**	**40,02**
13545.05000	**5.000 ml**	**65,94**
13545.10000	**10.000 ml**	**124,39**
13545.20000	**20.000 ml**	**135,37**
13545.25000	**25.000 ml**	**140,76**

Sodium hypochlorite 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolving of slimes/ preparation of etching solutions

Sodium hypochlorite in 1% concentration is an effective disinfectant and oxidant widely used in life science and medical diagnostics. Its oxidizing ability can be used to inactivate microorganisms and oxidize organic compounds. It is also an important tool in histology.

Order-No.:	Amount:	Price:
13794.00100	**100 ml**	**9,79**
13794.00250	**250 ml**	**14,11**
13794.00500	**500 ml**	**18,06**
13794.01000	**1.000 ml**	**22,72**
13794.02500	**2.500 ml**	**41,12**

Sodium Hypochlorite 1.25 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Use as laboratory reagent

Sodium hypochlorite 1.25% is a chemical compound with strong oxidizing and bleaching properties used in scientific and medical fields. It serves as a bleaching and disinfecting agent and inactivates microorganisms by oxidation reactions.

Order-No.:	Amount:	Price:
14389.00100	**100 ml**	**9,81**
14389.00250	**250 ml**	**14,19**
14389.00500	**500 ml**	**18,29**
14389.01000	**1.000 ml**	**23,02**
14389.02500	**2.500 ml**	**41,80**

Sodium Hypochlorite 10 % (Bleaching Solution)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolving of slimes/ preparation of etching solutions

Sodium hypochlorite 10%, also known as Eau de Javel, is a versatile laboratory chemical with applications as an oxidizer, bleach and disinfectant. It is particularly useful in water treatment processes and in the preparation of skeletal structures in biological samples.

Order-No.:	Amount:	Price:
15695.00100	**100 ml**	**13,57**
15695.00250	**250 ml**	**17,79**
15695.00500	**500 ml**	**20,10**
15695.01000	**1.000 ml**	**37,41**
15695.02500	**2.500 ml**	**57,41**
15695.05000	**5.000 ml**	**71,79**

07. Laboratory chemicals

Sodium hypochlorite 12-14 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolving of slimes/ preparation of etching solutions

Sodium hypochlorite 12-14% is a versatile laboratory chemical used in disinfection processes, oxidation reactions and synthesis of organic compounds. It shows strong oxidizing properties, promotes oxidation of substances and is used as a bleaching agent and for disinfection in microbiology.

Order-No.:	Amount:	Price:
16692.00100	**100 ml**	**17,82**
16692.00250	**250 ml**	**19,24**
16692.00500	**500 ml**	**23,16**
16692.01000	**1.000 ml**	**43,24**
16692.02500	**2.500 ml**	**88,56**
16692.05000	**5.000 ml**	**124,14**
16692.10000	**10.000 ml**	**239,36**

Sodium hypochlorite 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolving mucilages/ Preparation of etching solutions/ Use as laboratory reagent

Sodium hypochlorite 2% is a solution with strong oxidizing properties used as a neutralizing agent in research and development laboratories. It plays an important role in chemical syntheses and is used to preserve specimen materials in histology.

Order-No.:	Amount:	Price:
19385.00100	**100 ml**	**9,89**
19385.00250	**250 ml**	**14,41**
19385.00500	**500 ml**	**19,00**
19385.01000	**1.000 ml**	**23,91**
19385.02500	**2.500 ml**	**43,86**

Sodium Hypochlorite 2.5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolution of slimes/ preparation of etching solutions/ use as laboratory reagent

The 2.5% sodium hypochlorite solution is an important tool in science and medicine, especially for surface disinfection and sterilization. Its effective antimicrobial action limits the spread of microorganisms and allows safe control of contamination.

Order-No.:	Amount:	Price:
14395.00100	**100 ml**	**9,94**
14395.00250	**250 ml**	**14,56**
14395.00500	**500 ml**	**19,46**
14395.01000	**1.000 ml**	**24,50**
14395.02500	**2.500 ml**	**45,24**

Sodium Hypochlorite 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite
- Aqua dest. / pure water

Dissolution of slimes/ preparation of etching solutions/ use as laboratory reagent

Sodium hypochlorite 3% is a ready-to-use solution used in medical diagnostics, histology, metallography and scientific laboratories. It is used as a fixative, detergent and for dissolving mucus in histology and cytology, and for etching metal surfaces in materialography. The solution consists of 3% sodium hypochlorite and 97% aqua dist./VE water.

Order-No.:	Amount:	Price:
16971.00100	**100 ml**	**9,95**
16971.00250	**250 ml**	**14,57**
16971.00500	**500 ml**	**19,50**
16971.01000	**1.000 ml**	**24,55**
16971.02500	**2.500 ml**	**45,33**
16971.05000	**5.000 ml**	**59,31**
16971.10000	**10.000 ml**	**113,19**
16971.20000	**20.000 ml**	**136,95**
16971.25000	**25.000 ml**	**148,75**

Sodium Hypochlorite 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolution of slimes/ preparation of etching solutions/ use as laboratory reagent

Sodium hypochlorite 5% is an effective solution for disinfection and cleaning of various industries. It fights bacteria, viruses and fungi and is used in water treatment and food industry. Its adaptability allows professional and domestic use.

Order-No.:	Amount:	Price:
12874.00100	**100 ml**	**14,39**
12874.00250	**250 ml**	**16,57**
12874.00500	**500 ml**	**20,84**
12874.01000	**1.000 ml**	**32,54**
12874.02500	**2.500 ml**	**63,82**

Sodium Hypochlorite 6 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hypochlorite

Dissolving mucus

Sodium hypochlorite 6% is a chemical compound with yellowish-green color and chlorine odor, which is used as an oxidizing agent, bleaching agent and disinfectant. It is used in biology, chemistry, microbiology, water treatment and textile industry. Precautions are required in handling and storage to ensure stability and avoid toxic chlorine gases.

Order-No.:	Amount:	Price:
12413.00100	**100 ml**	**15,75**
12413.00250	**250 ml**	**16,86**
12413.00500	**500 ml**	**18,17**
12413.01000	**1.000 ml**	**33,73**
12413.02500	**2.500 ml**	**66,57**
12413.05000	**5.000 ml**	**91,16**
12413.10000	**10.000 ml**	**122,62**
12413.20000	**20.000 ml**	**179,78**

Sodium Nitrite 1.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium nitrite

Use as laboratory reagent

Sodium nitrite solution with 1.0 mol/l is used in sciences such as analytical chemistry, biochemistry and environmental science. It is used as a redox partner and can serve as both an oxidizing and reducing agent. It is also used in nitrite determination in water and food samples.

Order-No.:	Amount:	Price:
13647.00100	**100 ml**	**30,68**
13647.00250	**250 ml**	**35,73**
13647.00500	**500 ml**	**47,66**
13647.01000	**1.000 ml**	**68,26**
13647.02500	**2.500 ml**	**138,72**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

07. Laboratory chemicals

Product	Description	Order Information

Sodium Nitrite 4 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium nitrite

Use as laboratory reagent

Sodium nitrite 4%, aqueous, is an important laboratory chemical and reagent in medical and histological diagnostics. It is used in staining kits, such as the chloroacetate esterase staining kit, and enables efficient, controlled chemical reactions. The indispensable reagent ensures reliable and accurate results in diagnostic tests.

Order-No.:	Amount:	Price:
16083.00100	**100 ml**	**14,05**
16083.00250	**250 ml**	**15,39**
16083.00500	**500 ml**	**20,64**
16083.01000	**1.000 ml**	**27,82**
16083.02500	**2.500 ml**	**51,33**

Sodium Sulfite 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium sulfite

Differentiation / pickling / bluing

Sodium sulfite 10% is used as a reducing agent in various industries, e.g. in the paper and textile industries as well as in water treatment and the chemical industry. It is also used in histology to prepare staining solutions to prevent oxidation and effectively visualize aldehydes in tissue samples.

Order-No.:	Amount:	Price:
13075.00250	**250 ml**	**19,70**
13075.00500	**500 ml**	**26,04**
13075.01000	**1.000 ml**	**45,06**
13075.02500	**2.500 ml**	**91,21**

Sodium Sulphate 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium sulfate

Use as laboratory reagent

Sodium sulfate 1% solution consists of 1000 ml distilled aqua/VE water and 10.10 g anhydrous sodium sulfate (Na2SO4). It is used in medical diagnostics, histology and scientific laboratories, especially for selective staining of acidic glycosaminoglycans in extracellular matrix components. The solution is an important component of staining kits such as the SAB (Sulfated Alcian Blue) Kit.

Order-No.:	Amount:	Price:
11512.00100	**100 ml**	**11,50**
11512.00250	**250 ml**	**15,25**
11512.00500	**500 ml**	**20,19**
11512.01000	**1.000 ml**	**27,26**
11512.02500	**2.500 ml**	**50,04**

Sodium tetraborate / borax solution 5

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium tetraborate • 10 H_2O

Differentiation / pickling / bluing

A 5% sodium tetraborate or borax solution is an aqueous solution containing 5% sodium tetraborate, an important boron compound salt. In histology and cytology, it is used as a buffer solution to maintain stable pH and achieve optimal staining results. It offers advantages such as pH stability, easy handling and cost-effective production.

Order-No.:	Amount:	Price:
11161.00100	**100 ml**	**12,38**
11161.00250	**250 ml**	**14,33**
11161.00500	**500 ml**	**23,23**
11161.01000	**1.000 ml**	**30,91**
11161.02500	**2.500 ml**	**60,09**
11161.20000	**20.000 ml**	**274,46**

Sodium tetraborate / borax, alcohol-saturated

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Sodium tetraborate • 10 H_2O

Differentiation / pickling / bluing

Sodium tetraborate/borax, alcohol saturated, is a solution of ethanol, distilled water and sodium tetraborate decahydrate. It is used in medical diagnostics, histology and laboratories to adjust the pH of staining agents and to visualize acidic mucous substances, glycosaminoglycans and proteoglycans in tissue samples.

Order-No.:	Amount:	Price:
16277.00100	**100 ml**	**22,74**
16277.00250	**250 ml**	**27,55**
16277.00500	**500 ml**	**38,31**
16277.01000	**1.000 ml**	**61,81**
16277.02500	**2.500 ml**	**127,18**

Sodiumdocecylsulfate solution 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium lauryl sulfate
- Aqua bidest / purified water

Denaturation and separation of proteins

Sodium dodecyl sulfate solution 10% consists of SDS and Aqua bidest and is used in medical diagnostics and scientific laboratories, especially in histology and molecular biology. The solution solubilizes cell membranes, denatures proteins and enables visualization of cell structures and detection of specific nucleic acid sequences.

Order-No.:	Amount:	Price:
18690.00100	**100 ml**	**22,09**
18690.00250	**250 ml**	**31,06**
18690.00500	**500 ml**	**47,01**
18690.01000	**1.000 ml**	**75,84**
18690.02500	**2.500 ml**	**160,51**

Sulfit Water (Potassium Disultif Hydrochloric Acid)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium disulfite
- Hydrochloric Acid 37%

Sulfite water is an efficient laboratory reagent used in medical and histological diagnostics. It enables the reduction of disulfide bonds in proteins and enzymes and the denaturation of DNA and RNA for targeted analysis and examination of biological samples. Applications include identification of sulfur-containing amino acids, determination of protein structures and investigation of RNA/DNA formation processes.

Order-No.:	Amount:	Price:
16129.00250	**250 ml**	**15,26**
16129.00500	**500 ml**	**20,25**
16129.01000	**1.000 ml**	**27,33**

07. Laboratory chemicals

Sulfit Water with HCl

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 1.0 mol/l
- Sodium metabisulfite

Use as laboratory reagent

Sulfite water with HCl is a solution used in analytical chemistry, biochemistry and microbiology as a desulfurization agent and reducing agent. It contains sodium disulfite and hydrochloric acid, where the sodium disulfite releases sulfur dioxide and the hydrochloric acid controls the pH. The solution finds application in various fields, from textile industry to microbiological tests.

Order-No.:	Amount:	Price:
13760.00250	**250 ml**	**30,52**
13760.00500	**500 ml**	**36,54**
13760.01000	**1.000 ml**	**44,90**
13760.02500	**2.500 ml**	**83,25**

Sulfosalicylic Acid Solution 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Urinalysis

Sulfosalicylic acid solution 10% is used in medical and scientific laboratories, especially in urinalysis for the detection of proteins, in histology for the fixation of tissue samples and in metallography as an etchant. It can help in the diagnosis of kidney diseases and contribute to the study of the microstructure of metals.

Order-No.:	Amount:	Price:
17049.00100	**100 ml**	**36,78**
17049.00250	**250 ml**	**51,76**
17049.00500	**500 ml**	**98,34**
17049.01000	**1.000 ml**	**158,63**
17049.02500	**2.500 ml**	**357,13**

Tri-Natriumphosphate solution 1 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Natriumorthophosphat Dodecahydrat

Use as laboratory reagent

Tri-sodium phosphate solution 1 mol/l is a solution of tri-sodium phosphate dodecahydrate and distilled water used in medical laboratories. It serves as a buffering agent for pH regulation and creates optimal conditions for biological processes, especially in histological examinations.

Order-No.:	Amount:	Price:
18226.00100	**100 ml**	**18,70**
18226.00250	**250 ml**	**26,84**
18226.00500	**500 ml**	**41,21**
18226.01000	**1.000 ml**	**66,29**

Tri-sodium citrate 2.9 % (0.1 mol/l), pH 5.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- tri-Sodium citrate dihydrate

Anticoagulation of blood samples

The 2.9% tri-sodium citrate solution is used in medicine and research for anticoagulation of blood samples. It binds calcium ions, inhibits clotting factors and enables precise coagulation tests and hematological examinations.

Order-No.:	Amount:	Price:
14254.00100	**100 ml**	**16,38**
14254.00250	**250 ml**	**25,45**
14254.00500	**500 ml**	**30,63**
14254.01000	**1.000 ml**	**53,38**

Etchant according to Le CHATELIER

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
-
- Picric acid (C.I.: 10305)
- Hydrochloric Acid 37%

Micro etching agent for ferritic steels.

Microetching agents are used for pure iron, carbon steels, low-alloy steels and gray cast iron to promote microstructure development. The etching time is seconds to minutes. Care should be taken with Sn-coated steels and cast irons, as there is a risk of explosion if they dry out.

Order-No.:	Amount:	Price:
11843.00100	**100 ml**	**16,99**
11843.00250	**250 ml**	**21,94**
11843.00500	**500 ml**	**24,74**
11843.01000	**1.000 ml**	**46,68**
11843.02500	**2.500 ml**	**93,36**

Picric Acid, saturated aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Picric acid (C.I.: 10305)

Fixation of tissue samples. Modified etching solution

Picric acid is a yellowish chemical compound used in histology and metallography. In histology it is used to fix tissue specimens, while in metallography it is used to etch certain metals and alloys. In the dry state, picric acid can be explosive, but the risk is reduced when an aqueous saturated solution is used.

Order-No.:	Amount:	Price:
10339.00250	**250 ml**	**37,21**
10339.00500	**500 ml**	**42,84**
10339.01000	**1.000 ml**	**80,12**
10339.02500	**2.500 ml**	**170,90**
10339.05000	**5.000 ml**	**314,87**
10339.10000	**10.000 ml**	**621,01**

PowerEtch - hydrochloric acid-sulfuric acid mixture for etching

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- sulfuric acid
-

laboratory use, etching additive

PowerEtch is an effective etchant made of hydrochloric acid and sulfuric acid, developed for demanding applications in industry, laboratory and craft. It enables fast and efficient etching of metals, glass and semiconductor materials, accelerates reaction rates and is suitable for a wide range of applications such as electrochemistry, semiconductor manufacturing and materials research.

Order-No.:	Amount:	Price:
19344.00100	**100 ml**	**9,22**
19344.00250	**250 ml**	**19,47**
19344.00500	**500 ml**	**33,49**
19344.01000	**1.000 ml**	**44,14**
19344.02500	**2.500 ml**	**89,10**
19344.05000	**5.000 ml**	**159,10**
19344.10000	**10.000 ml**	**296,49**

09. Raw materials

Alcian Blue 8GS (CI no. 74240) – Powder

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Alcian blue 8GS (C.I.: 74240)

Detection of mucopolysaccharides

Alcian Blue 8GS is a powdered cationic dye used to stain acidic polysaccharides, glycosaminoglycans and glycoproteins in histological and microscopic applications. It produces an intense blue hue and is a component of multicolor staining protocols such as Alcian blue/PAS staining. It is suitable for research and diagnostic applications.

Order-No.:	Amount:	Price:
12529.F0010	10 g	169,43
12529.F0025	25 g	409,74
12529.F0050	50 g	846,18
12529.F0100	100 g	1605,89
12529.F0250	250 g	3706,26

Ammonium hydrogen difluoride

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

oxidation / chlorinating

Ammonium hydrogen difluoride is an important raw material in laboratories, used in various applications such as staining kits and etchants. It helps in the visualization and analysis of metal samples and is used to clean or modify surfaces.

Order-No.:	Amount:	Price:
18871.F0010	10 g	25,78
18871.F0025	25 g	41,86
18871.F0050	50 g	76,27
18871.F0100	100 g	141,89
18871.F0250	250 g	324,23

AZUR II

Lagerung: *15 … 25 °C*

Art.-Nr.: 16139 vl_AZUR II
g/mol
CAS-Nr.:

Staining of tissue samples

AZUR II is a pure substance used in histology and medical diagnostics for staining microscopy specimens. It enables the visualization of specific cell structures and the differentiation between different organisms. The chemical composition leads to remarkable properties and precise images.

Order-No.:	Amount:	Price:
16139.F0010	10 g	80,93
16139.F0025	25 g	160,99
16139.F0050	50 g	326,43
16139.F0100	100 g	618,39
16139.F0250	250 g	1426,13
16139.F0500	500 g	2843,87
16139.F1000	1.000 g	5534,91

Eosin Y, yellowish, (CI No. 45380) - powder

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Eosin Y (C.I.: 45380)

Staining of tissue samples

Eosin Y is a fluorescent red dye used in histology and cytology for staining basophilic structures such as cytoplasm and collagen fibers. The powder, which is soluble in water and alcohol, provides flexibility in preparing the staining solution and allows precise control over the intensity and quality of the stain. Solubility is pH dependent.

Order-No.:	Amount:	Price:
11995.F0010	10 g	26,36
11995.F0025	25 g	45,72
11995.F0050	50 g	67,75
11995.F0100	100 g	81,79
11995.F0250	250 g	180,02
11995.F0500	500 g	327,85
11995.F1000	1.000 g	665,11

Hematoxylin, purif., (CI no. 75290)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hematoxylin (C.I.: 75290)

Cell nuclei staining

Hematoxylin purified (CI No. 75290) is a highly purified dye powder from the bluewood tree used in histology and cytology for staining cell nuclei. Often used in combination with eosin, it enables the differentiation of cell and tissue structures in biological and medical research.

Order-No.:	Amount:	Price:
12488.F0010	10 g	105,79
12488.F0025	25 g	229,52
12488.F0050	50 g	410,41
12488.F0100	100 g	788,30
12488.F0250	250 g	1896,12
12488.F0500	500 g	3749,82
12488.F1000	1.000 g	7448,06

MAY GRUNWALD Eosin-Methylen Blue (CI-No. 52015 & 45380)

Lagerung: *15 … 25 °C*

May-Grünwalds Eosin-Methylenblau
——
—— g/mol
CAS-Nr.: 17372-87-1 & 122965-43-9
C.I.-Nr.: 52015 & 45380

Staining of tissue samples

May-Grünwald eosin methylene blue is a widely used stain in clinical and scientific laboratories for histological and hematological examinations. It aids in the visualization and differentiation of cell structures and is particularly useful in the diagnosis of blood disorders such as leukemia and the identification of cells in body fluids.

Order-No.:	Amount:	Price:
17627.F0010	10 g	18,01
17627.F0025	25 g	37,29
17627.F0050	50 g	52,69
17627.F0100	100 g	96,19
17627.F0250	250 g	218,57

Methylene Blue purif. (CI no. 52015)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Methylene blue (C.I.: 52015)

Staining of tissue samples

Methylene blue is an aromatic molecule used as a staining agent, based on its phenothiazine derivative structure. It can act in redox reactions, switch between colorless and blue forms, and has a high affinity for nucleic acids, enabling selective staining of cells and tissues.

Order-No.:	Amount:	Price:
16048.F0010	10 g	76,38
16048.F0025	25 g	84,33
16048.F0050	50 g	150,20
16048.F0100	100 g	231,16
16048.F0250	250 g	540,97

Nuclear Fast Red (CI no. 60760) – Powder

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Nuclear fast red (C.I.: 60760)

Staining of tissue samples

Nuclear red is a synthetic azo dye (CI number 60760) used in histological and cytological staining protocols. It binds to basic components such as proteins and stains cell nuclei intensely red. In combination with other dyes, it enables differentiated visualizations of tissue components and is suitable for research and diagnostic applications.

Order-No.:	Amount:	Price:
12533.F0010	10 g	370,68
12533.F0025	25 g	912,86
12533.F0050	50 g	1902,74
12533.F0100	100 g	3618,39
12533.F0250	250 g	8360,17

09. Raw materials

Oxalic Acid, cryst., pure

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Oxalic acid

Raw material for various applications

Oxalic acid is a crystalline, organic dicarboxylic acid found in plants such as rhubarb and spinach. It is colorless, acidic and is used industrially as a cleaning and bleaching agent and for rust and ink removal. In laboratory technology, it serves as a reducing agent and reagent.

Order-No.:	Amount:	Price:
12678.F0250	250 g	22,74
12678.F0500	500 g	36,11
12678.F1000	1.000 g	65,39
12678.F2500	2.500 g	147,32

Picric Acid, pure (moistened with water)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- sulfuric acid
- Phenol
- Nitric acid 65 %
- Aqua bidest / purified water

Fixation of tissue samples

Picric acid (trinitrophenol) is a yellow, crystalline solid with strong acidic properties and is used in industry and laboratories for the fixation and staining of proteins. As an explosive, it is dangerous if handled or stored improperly, so it is often transported and stored moistened. Moistened picric acid falls under dangerous goods class 4.1 and is subject to appropriate transport regulations.

Order-No.:	Amount:	Price:
12358.F0500	500 g	485,09
12358.F1000	1.000 g	967,15

Potassium disulfite

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Potassium disulfite

oxidation / chlorinating

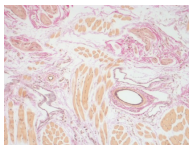
Ready-to-use solution Potassium disulfite for use in histology or zytology for oxidation / chlorinating

Order-No.:	Amount:	Price:
18949.F0010	10 g	15,89
18949.F0025	25 g	25,97
18949.F0050	50 g	47,72
18949.F0100	100 g	86,26
18949.F0250	250 g	187,68

Resorcin-Fuchsin, cryst.

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Fuchsine (C.I.: 42510)
- Resorcin
- Iron(III) Chloride 40 %



Staining of tissue samples

Resorcinol fuchsin is a high quality dye for histology, cytology and research with excellent staining properties and stability in staining solutions for elastin staining and staining of elastic fibers. The dye molecule is a triphenylmethane dye and contains iron(III) ions as mordant.

Order-No.:	Amount:	Price:
12746.F0010	10 g	46,33
12746.F0025	25 g	121,79
12746.F0050	50 g	160,78
12746.F0100	100 g	315,35
12746.F0250	250 g	705,78

Safron du Gatinais (CI no. 75100) – Powder

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Saffron (C.I.: 75100)

Staining of tissue samples

Saffron du Gatinais (CI number 75100) is an expensive, natural dye obtained from saffron plants. It is used in histological staining to give proteins a yellowish to orange color and is used to stain and differentiate collagen and muscle tissue.

Order-No.:	Amount:	Price:
12528.F0010	10 g	274,61
12528.F0025	25 g	672,67
12528.F0050	50 g	1398,35
12528.F0100	100 g	2657,63
12528.F0250	250 g	6138,41

Sodium persulfate

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium sulfate

Solvents / Fixatives / Sample processing

Sodium persulfate is a strong oxidizing agent used in polymerizations and chemical reactions as a radical source in scientific research and industry. It decomposes into water and oxygen, making it an environmentally friendly oxidizing agent. It is also used in the electronics industry to etch circuit traces and in life science to clean laboratory materials.

Order-No.:	Amount:	Price:
10617.F0100	100 ml	25,78
10617.F0250	250 ml	29,36
10617.F0500	500 ml	50,02
10617.F1000	1.000 ml	91,89
10617.F2500	2.500 ml	208,60
10617.F5000	5000 g	408,81

Sudan III (CI no. 26100)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sudan III (C.I.: 26100)

Staining of tissue samples

Sudan III is a fat-soluble dye used in in vitro diagnostics, histology and scientific laboratories. It is used to stain triglycerides and lipids and is particularly suitable for visualizing lipids in tissue sections and cellular preparations.

Order-No.:	Amount:	Price:
10315.F0010	10 g	45,85
10315.F0025	25 g	93,37
10315.F0050	50 g	195,49
10315.F0100	100 g	360,16

Water Blue (CI no. 42780) – Powder

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Water blue (C.I.: 42755)

Staining of tissue samples

Water Blue (CI No. 42780) is a synthetic thiazine dye in powder form used in biological and medical laboratories. It binds to basic tissue components such as nucleic acids, staining them blue and thus facilitating their identification under the microscope.

Order-No.:	Amount:	Price:
12548.F0010	10 g	70,58
12548.F0025	25 g	162,61
12548.F0050	50 g	327,22
12548.F0100	100 g	617,39
12548.F0250	250 g	1420,35

1-propanol 85 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- 1-Propanol

Solvents / Fixatives / Sample processing

An 85% 1-propanol solution is used in life sciences and medical diagnostics as a solvent and cleaning agent. It is suitable for protein precipitation and extraction of DNA and RNA. Its high purity and broad solvent spectrum make it the preferred choice in various applications.

Order-No.:	Amount:	Price:
13818.00100	100 ml	9,98
13818.00250	250 ml	11,34
13818.00500	500 ml	14,94
13818.01000	1.000 ml	16,73
13818.02500	2.500 ml	22,28
13818.05000	5.000 ml	24,69
13818.10000	10.000 ml	46,65

MORPHISTO
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09.1 Alcohols & solvents

1-Propanol 99 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- 1-Propanol

Solvents / Fixatives / Sample processing

1-Propanol 99% is an organic compound that plays an important role in laboratories due to its purity and polarity. It is used as a solvent in chemical reactions and enables the performance of complex chemical processes and isolation of specific products.

Order-No.:	Amount:	Price:
18919.00100	**100 ml**	**10,06**
18919.00250	**250 ml**	**11,55**
18919.00500	**500 ml**	**15,59**
18919.01000	**1.000 ml**	**17,56**
18919.02500	**2.500 ml**	**23,71**
18919.05000	**5.000 ml**	**38,04**
18919.10000	**10.000 ml**	**71,20**

2-Propanol

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol

Solvents / Fixatives / Sample processing

Isopropanol, also called isopropyl alcohol or IPA, is a colorless, flammable solvent with degreasing, dehydrating and disinfecting properties. It is contained in many disinfectants and is used in industry, cleaning sector and for mold control and skin and hand disinfection.

Order-No.:	Amount:	Price:
11365.00100	**100 ml**	**5,70**
11365.00250	**250 ml**	**6,84**
11365.00500	**500 ml**	**8,18**
11365.01000	**1.000 ml**	**13,40**
11365.02500	**2.500 ml**	**23,13**
11365.05000	**5.000 ml**	**28,77**
11365.10000	**10.000 ml**	**53,85**
11365.20000	**20.000 ml**	**84,17**
11365.25000	**25.000 ml**	**99,28**
11365.30000	**30.000 ml**	**113,94**

2-Propanol 35 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol
- Aqua dest. / pure water

Solvents / Fixatives / Sample processing

Isopropanol is a colorless, flammable solvent with strong degreasing, dehydrating and disinfecting properties. It is used in disinfectants, industry, cleaning sector and histology. It effectively combats mold and serves as a skin and surface disinfectant.

Order-No.:	Amount:	Price:
16875.00100	**100 ml**	**7,39**
16875.00250	**250 ml**	**8,33**
16875.00500	**500 ml**	**9,34**
16875.01000	**1.000 ml**	**11,30**
16875.02500	**2.500 ml**	**18,39**

2-Propanol 70 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol
- Aqua bidest / purified water

Solvent, fixing , cleaning and disinfectant agent

Isopropanol is a colorless, flammable solvent with strong degreasing, dehydrating and disinfecting properties. It is present in many disinfectants and is used in industry, cleaning sector and for mold control and skin disinfection. In histology it serves as a dehydrating step.

Order-No.:	Amount:	Price:
15019.00100	**100 ml**	**5,59**
15019.00250	**250 ml**	**6,60**
15019.00500	**500 ml**	**7,49**
15019.01000	**1.000 ml**	**12,13**
15019.02500	**2.500 ml**	**20,26**
15019.05000	**5.000 ml**	**24,46**
15019.10000	**10.000 ml**	**45,55**
15019.20000	**20.000 ml**	**67,56**
15019.25000	**25.000 ml**	**78,52**
15019.30000	**30.000 ml**	**89,03**

2-Propanol 90 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Isopropyl alcohol
- Aqua bidest / purified water

Solvents / Fixatives / Sample processing

Isopropanol is a colorless, flammable solvent with strong degreasing, dehydrating and disinfecting properties. It is contained in many disinfectants and is used in industry, cleaning sector as well as for mold control. In histology, it serves as a dehydration step and xylene substitute.

Order-No.:	Amount:	Price:
17671.00100	**100 ml**	**7,54**
17671.00250	**250 ml**	**8,75**
17671.00500	**500 ml**	**9,81**
17671.01000	**1.000 ml**	**12,98**
17671.02500	**2.500 ml**	**22,19**
17671.05000	**5.000 ml**	**27,35**
17671.10000	**10.000 ml**	**51,12**
17671.20000	**20.000 ml**	**78,71**
17671.25000	**25.000 ml**	**92,45**
17671.30000	**30.000 ml**	**105,75**

Acetone

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetone

Solvents / Fixatives / Sample processing

Acetone is a colorless, highly flammable liquid with a sweetish odor and the chemical formula C3H6O. It is used as an organic solvent in industry, laboratory, histology, cosmetics and chemistry, for example in nail polish removers, paints, varnishes and for the production of methyl methacrylate.

Order-No.:	Amount:	Price:
11368.00100	**100 ml**	**12,00**
11368.00250	**250 ml**	**14,00**
11368.00500	**500 ml**	**18,00**
11368.01000	**1.000 ml**	**26,00**
11368.02500	**2.500 ml**	**40,00**
11368.05000	**5.000 ml**	**60,00**
11368.10000	**10.000 ml**	**105,00**
11368.20000	**20.000 ml**	**190,00**
11368.25000	**25.000 ml**	**220,00**
11368.30000	**30.000 ml**	**250,00**

Acetone alcohol 1:1

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetone
- Ethyl alcohol

Solvents / Fixatives / Sample processing

Acetone alcohol 1:1 is a solvent mixture of acetone and denatured ethanol used in medical diagnostics and histology. It effectively removes fats and waxes from tissue samples, enables clear imaging and improves the accuracy of analyses.

Order-No.:	Amount:	Price:
18961.00100	**100 ml**	**13,18**
18961.00250	**250 ml**	**16,49**
18961.00500	**500 ml**	**24,12**
18961.01000	**1.000 ml**	**32,25**
18961.02500	**2.500 ml**	**61,58**

Acetone Ethanol 4:1

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetone
- Ethyl alcohol

Solvents / Fixatives / Sample processing

Acetone Alcohol 4:1 is a mixture of acetone and denatured ethanol used in histology laboratories and medical diagnostics. It is mainly used as a dehydrating agent and for clarification in microscopy by gently dehydrating and defatting tissue specimens to allow better viewing under the microscope.

Order-No.:	Amount:	Price:
17835.00100	**100 ml**	**13,18**
17835.00250	**250 ml**	**16,49**
17835.00500	**500 ml**	**24,12**
17835.01000	**1.000 ml**	**32,25**
17835.02500	**2.500 ml**	**61,58**
17835.05000	**5.000 ml**	**104,06**
17835.10000	**10.000 ml**	**189,39**
17835.20000	**20.000 ml**	**245,36**
17835.25000	**25.000 ml**	**273,25**
17835.30000	**30.000 ml**	**300,32**

09.1 Alcohols & solvents

Cleaning Solution for Optics

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- n-Hexane Ph. Eur.
- Isopropyl alcohol

Cleaning optical lenses

The optical cleaning solution of n-hexane and isopropanol is used to clean and maintain optical equipment such as microscopes and endoscopes in medical and scientific laboratories. It effectively removes greasy and organic contaminants, improves the optical clarity and performance of the equipment, and is important for precision in diagnoses and examinations.

Order-No.:	Amount:	Price:
11755.00100	100 ml	23,75
11755.00250	250 ml	49,63
11755.00500	500 ml	106,46
11755.01000	1.000 ml	168,46
11755.02500	2.500 ml	373,81

Dimethyl Sulfoxid (DMSO)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Dimethyl sulfoxide (DMSO)

Use as laboratory reagent

Dimethyl sulfoxide (DMSO) is an important laboratory reagent in medical and histological diagnostics. It enables the transport of various molecules and prevents the formation of ice crystals during the cryopreservation of cells. DMSO has strong polarizing properties, but may interact with other substances.

Order-No.:	Amount:	Price:
16113.00100	100 ml	22,18
16113.00250	250 ml	56,74
16113.00500	500 ml	101,79
16113.01000	1.000 ml	193,25
16113.02500	2.500 ml	433,89

Ethanol 20 %, undenatured

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethanol

Solvents / Fixatives / Sample processing

Ethanol, also called ethyl alcohol or alcohol, is a colorless, highly flammable liquid. MORPHISTO offers it in various concentrations and forms. It is used in histology for tissue processing, as a solvent or cleaning agent in laboratory applications.

Order-No.:	Amount:	Price:
11619.00100	100 ml	9,95
11619.00250	250 ml	11,66
11619.00500	500 ml	17,79
11619.01000	1.000 ml	21,49
11619.02500	2.500 ml	40,14

Ethanol 30 %, denatured (MEK/IPA/BTX)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Aqua dest. / pure water

Solvents / Fixatives / Sample processing

Ethanol, also called ethyl alcohol or alcohol, is a colorless, highly flammable liquid with the molecular formula C2H6O. MORPHISTO offers ethanol in various concentrations used in histology, laboratory applications and as a solvent or cleaning agent.

Order-No.:	Amount:	Price:
12607.00250	250 ml	9,05
12607.00500	500 ml	11,41
12607.01000	1.000 ml	13,23
12607.02500	2.500 ml	21,48
12607.05000	5.000 ml	25,66
12607.10000	10.000 ml	47,24
12607.20000	20.000 ml	58,16
12607.25000	25.000 ml	63,56

Ethanol 40 %, denatured (MEK/IPA/BTX)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethyl alcohol

Solvents / Fixatives / Sample processing

Ethanol, also called ethyl alcohol or alcohol, is a colorless, highly flammable liquid. MORPHISTO offers various concentrations of ethanol in fully denatured form. It is used in histology for dehydration and as a solvent or cleaning agent in laboratory applications.

Order-No.:	Amount:	Price:
15645.00250	250 ml	9,15
15645.00500	500 ml	11,75
15645.01000	1.000 ml	13,64
15645.02500	2.500 ml	22,41
15645.05000	5.000 ml	34,83
15645.10000	10.000 ml	63,67
15645.20000	20.000 ml	81,81
15645.25000	25.000 ml	90,82

Ethanol 50 %, denatured (MEK/IPA/BTX)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Aqua dest. / pure water

Solvents / Fixatives / Sample processing

Ethanol, also known as ethyl alcohol, is a colorless, highly flammable alcohol. MORPHISTO offers ethanol in various concentrations as fully denatured or partially denatured form. It is used in histology for dehydration and in laboratory applications as a solvent or cleaning agent.

Order-No.:	Amount:	Price:
11575.00250	250 ml	10,84
11575.00500	500 ml	13,36
11575.01000	1.000 ml	14,73
11575.02500	2.500 ml	21,03
11575.05000	5.000 ml	28,24
11575.10000	10.000 ml	52,12
11575.20000	20.000 ml	75,02
11575.25000	25.000 ml	86,40

Ethanol 50 %, undenatured

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethanol
- Aqua bidest / purified water

Solvents / Fixatives / Sample processing

The 50% ethanol solution is used in many fields such as biological and chemical research as well as medicine and pharmaceutical industry. It dissolves substances that are not sufficiently soluble in pure ethanol or water and is useful in medical diagnostics. Ethanol is an organic compound with polar and non-polar properties, resulting in a wide range of applications.

Order-No.:	Amount:	Price:
13668.00100	100 ml	11,58
13668.00250	250 ml	16,14
13668.00500	500 ml	21,61
13668.01000	1.000 ml	39,42
13668.02500	2.500 ml	79,24
13668.05000	5.000 ml	142,86
13668.10000	10.000 ml	264,37

Ethanol 60 %, denatured (MEK/IPA/BTX)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Aqua dest. / pure water

Solvents / Fixatives / Sample processing

Ethanol, also known as ethyl alcohol or alcohol, is an aliphatic, monohydric alcohol with the molecular formula C2H6O. It is liquid at room temperature, colorless and highly flammable. MORPHISTO offers different concentrations for applications such as histology, solvents and cleaning agents in laboratories.

Order-No.:	Amount:	Price:
12503.00250	250 ml	9,37
12503.00500	500 ml	12,45
12503.01000	1.000 ml	14,53
12503.02500	2.500 ml	24,40
12503.05000	5.000 ml	38,80
12503.10000	10.000 ml	71,33
12503.20000	20.000 ml	97,13
12503.25000	25.000 ml	109,97

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

09.1 Alcohols & solvents

Ethanol 70 %, denatured (MEK/IPA/BTX)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Aqua dest. / pure water

Solvents / Fixatives / Sample processing

Ethanol, also known as ethyl alcohol or alcohol, is a colorless, highly flammable liquid with the molecular formula C2H6O. It is used in histology for dehydration in tissue processing and serves as a solvent or cleaning agent in laboratory applications. MORPHISTO offers different concentrations.

Order-No.:	Amount:	Price:
12089.00050	50 ml	5,59
12089.00250	250 ml	9,48
12089.00500	500 ml	12,80
12089.01000	1.000 ml	14,96
12089.02500	2.500 ml	25,37
12089.05000	5.000 ml	31,50
12089.10000	10.000 ml	58,50
12089.20000	20.000 ml	80,66
12089.25000	25.000 ml	91,69
12089.30000	30.000 ml	102,28

Ethanol 70 %, undenatured

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethanol
- Aqua bidest / purified water

Solvents / Fixatives / Sample processing

Ethanol, also called ethyl alcohol or alcohol, is a colorless, highly flammable liquid. MORPHISTO offers ethanol in various concentrations and forms. It is used in histology for dehydration, as a solvent and cleaning agent in laboratory applications.

Order-No.:	Amount:	Price:
19208.00100	100 ml	8,10
19208.00250	250 ml	17,12
19208.00500	500 ml	35,28
19208.01000	1.000 ml	43,34
19208.02500	2.500 ml	89,31
19208.05000	5.000 ml	127,88
19208.10000	10.000 ml	245,64

Ethanol 80 %, denatured (MEK/IPA/BTX)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol
- Aqua dest. / pure water

Solvents / Fixatives / Sample processing

Ethanol, also known as ethyl alcohol, is a colorless, highly flammable liquid that is available in various concentrations. It is used in histology, as a solvent and cleaning agent. As a disinfectant, it can be used to treat surfaces up to 2 sqm, with a 15-minute contact time.

Order-No.:	Amount:	Price:
11579.00100	100 ml	5,63
11579.00250	250 ml	9,59
11579.00500	500 ml	13,15
11579.01000	1.000 ml	15,39
11579.02500	2.500 ml	26,35
11579.05000	5.000 ml	32,96
11579.10000	10.000 ml	61,31
11579.20000	20.000 ml	86,29
11579.25000	25.000 ml	98,73

Ethanol 80 %, undenatured

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethanol
- Aqua bidest / purified water

Solvents / Fixatives / Sample processing

Ethanol, also called ethyl alcohol or alcohol, is a colorless, highly flammable liquid. MORPHISTO offers fully denatured ethanol in various concentrations. It is used in histology for tissue processing and as a solvent or cleaning agent in laboratory applications.

Order-No.:	Amount:	Price:
11583.00100	100 ml	14,07
11583.00250	250 ml	18,12
11583.00500	500 ml	38,48
11583.01000	1.000 ml	47,35
11583.02500	2.500 ml	98,32
11583.05000	5.000 ml	186,02
11583.10000	10.000 ml	356,39

Ethanol 85 %, denatured (MEK/IPA/BTX)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol

Solvents / Fixatives / Sample processing

Ethanol 85% is denatured and is a solvent, cleaning agent and preservative in medical diagnostics, histology and life sciences. Its particular suitability lies in its ability to be fat soluble and to mix aqueous solutions. It is denatured by methyl ethyl ketone (MEK), isopropyl alcohol (IPA) and benzene (BTX) to prevent misuse.

Order-No.:	Amount:	Price:
13506.00100	100 ml	5,65
13506.00250	250 ml	9,64
13506.00500	500 ml	13,32
13506.01000	1.000 ml	15,61
13506.02500	2.500 ml	26,83
13506.05000	5.000 ml	33,69
13506.10000	10.000 ml	62,71
13506.20000	20.000 ml	89,09
13506.25000	25.000 ml	102,23
13506.30000	30.000 ml	150,31

Ethanol 90 %, denatured (MEK/IPA/BTX)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol

Solvents / Fixatives / Sample processing

Ethanol, also called ethyl alcohol or alcohol, is a colorless, highly flammable liquid. MORPHISTO offers ethanol in various concentrations and forms, which are used in histology for dehydration, as a solvent or cleaning agent.

Order-No.:	Amount:	Price:
11616.00250	250 ml	9,69
11616.00500	500 ml	13,49
11616.01000	1.000 ml	15,83
11616.02500	2.500 ml	24,81
11616.05000	5.000 ml	34,42
11616.10000	10.000 ml	64,12
11616.20000	20.000 ml	91,90

Ethanol 96 %, denatured (MEK/IPA/BTX)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethyl alcohol 96 %

Solvents / Fixatives / Sample processing

Ethanol, also called ethyl alcohol or alcohol, is a colorless, highly flammable liquid. MORPHISTO offers fully denatured ethanol in various concentrations. It is used in histology for dehydration, as a solvent or cleaning agent in laboratory applications.

Order-No.:	Amount:	Price:
11470.00100	100 ml	5,69
11470.00250	250 ml	9,76
11470.00500	500 ml	13,70
11470.01000	1.000 ml	16,09
11470.02500	2.500 ml	27,90
11470.05000	5.000 ml	35,30
11470.10000	10.000 ml	65,81
11470.20000	20.000 ml	95,28
11470.25000	25.000 ml	109,97
11470.30000	30.000 ml	124,21

Ethanol 96 %, p.a. undenatured

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ethanol
- Aqua bidest / purified water

Solvents / Fixatives / Sample processing

Ethanol 96%, undenatured, is a colorless, highly flammable liquid used in scientific fields such as histology, medical diagnostics and life sciences. Its high purity and lack of additives make it an effective dehydrating, solvent and cleaning agent.

Order-No.:	Amount:	Price:
14146.00100	100 ml	18,42
14146.00250	250 ml	20,28
14146.00500	500 ml	24,76
14146.01000	1.000 ml	44,64
14146.02500	2.500 ml	97,72
14146.05000	5.000 ml	188,98
14146.10000	10.000 ml	365,55
14146.20000	20.000 ml	514,54
14146.25000	25.000 ml	632,49
14146.30000	30.000 ml	750,06

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09.1 Alcohols & solvents

Product	Description	Order Information		
Ethanol 99 %, denatured (MEK/IPA/BTX) **Lagerung:** *15 … 25 °C* Relevant Incredients: • Ethyl alcohol	**Solvents / Fixatives / Sample processing** Ethanol, also called ethyl alcohol or alcohol, is a liquid, colorless and highly flammable alcohol. MORPHISTO offers various concentrations of ethanol, which is used in histology for dehydration and in laboratory applications as a solvent or cleaning agent.	Order-No.:	Amount:	Price:
		11067.00250	250 ml	9,79
		11067.00500	500 ml	13,80
		11067.01000	1.000 ml	16,22
		11067.02500	2.500 ml	28,20
		11067.05000	5.000 ml	35,73
		11067.10000	10.000 ml	66,65
		11067.20000	20.000 ml	96,96
		11067.25000	25.000 ml	112,07
		11067.30000	30.000 ml	126,73
Glycerine anhydrous **Lagerung:** *15 … 25 °C* Relevant Incredients: • Glycerol	**Use as laboratory reagent** Anhydrous glycerin is used in the cosmetic and pharmaceutical industries for its moisturizing properties. It acts as a solvent and plasticizer in biology and medicine, and its chemical properties make it particularly useful for formulations that require moisture or are intended to draw water.	Order-No.:	Amount:	Price:
		13599.00100	100 ml	17,68
		13599.00250	250 ml	27,00
		13599.00500	500 ml	38,09
		13599.01000	1.000 ml	70,62
		13599.02500	2.500 ml	115,29
		13599.05000	5.000 ml	214,01
		13599.10000	10.000 ml	404,37
		13599.20000	20.000 ml	698,63
		13599.25000	25.000 ml	845,69
Isopropanol (2-propanol) 40 % **Lagerung:** *15 … 25 °C* Relevant Incredients: • Isopropyl alcohol	**Solvents / Fixatives / Sample processing** Isopropanol is a colorless, flammable solvent with strong degreasing, dehydrating and disinfecting properties. It is a component of many disinfectants and is used in industry, the cleaning sector and as a mold control agent. In histology it is used as a dehydrating step and xylene substitute.	Order-No.:	Amount:	Price:
		10171.00100	100 ml	7,39
		10171.00250	250 ml	8,32
		10171.00500	500 ml	9,64
		10171.01000	1.000 ml	11,27
		10171.02500	2.500 ml	18,33
Isopropanol (2-propanol) 50 % **Lagerung:** *15 … 25 °C* Relevant Incredients: • Isopropyl alcohol • Aqua bidest / purified water	**Solvents / Fixatives / Sample processing** Isopropanol is a colorless, flammable solvent with strong degreasing, dehydrating and disinfecting properties. It is a component of many disinfectants and is used in industry, cleaning sector as well as histology. It effectively combats mold and serves as a skin and hand disinfectant.	Order-No.:	Amount:	Price:
		14841.00100	100 ml	7,43
		14841.00250	250 ml	8,46
		14841.00500	500 ml	10,04
		14841.01000	1.000 ml	11,81
		14841.02500	2.500 ml	19,54
		14841.05000	5.000 ml	29,93
		14841.10000	10.000 ml	55,04
		14841.20000	20.000 ml	81,62
		14841.25000	25.000 ml	94,84
		14841.30000	30.000 ml	107,47
Isopropanol (2-Propanol) 80 % **Lagerung:** *15 … 25 °C* Relevant Incredients: • Isopropyl alcohol • Aqua dest. / pure water	**Solvents / Fixatives / Sample processing** Isopropanol is a colorless, flammable solvent with strong degreasing, dehydrating and disinfecting properties. It is a component of many disinfectants and is used in industry, the cleaning sector and for mold control. In histology, it serves as a dehydration step and xylene substitute.	Order-No.:	Amount:	Price:
		16437.00100	100 ml	7,50
		16437.00250	250 ml	8,64
		16437.00500	500 ml	10,60
		16437.01000	1.000 ml	12,55
		16437.02500	2.500 ml	21,22
		16437.05000	5.000 ml	25,90
		16437.10000	10.000 ml	48,33
		16437.20000	20.000 ml	73,12
Isopropanol-ethanol mixture **Lagerung:** *15 … 25 °C* Relevant Incredients: • Isopropyl alcohol • Ethyl alcohol • Aqua bidest / purified water	**Solvents / Fixatives / Sample processing** The isopropanol-ethanol mixture is used in medical diagnostics and research, especially for dehydration of tissue samples in histology and cytology. It enables high penetration and curing of the tissue, which provides detailed images of tissue structures.	Order-No.:	Amount:	Price:
		16880.00100	100 ml	7,40
		16880.00250	250 ml	9,97
		16880.00500	500 ml	12,98
		16880.01000	1.000 ml	19,05
		16880.02500	2.500 ml	25,57
		16880.05000	5.000 ml	40,26
		16880.10000	10.000 ml	76,12
Methanol **Lagerung:** *15 … 25 °C* Relevant Incredients: • Methyl alcohol	**Solvents / Fixatives / Sample processing** Methanol is a colorless liquid and the simplest alcohol used as a solvent in various industrial and chemical applications. In histology and cytology, it is used as a fixative and degreasing agent, as well as for preservation of biological specimens and rehydration of tissue sections.	Order-No.:	Amount:	Price:
		11860.00100	100 ml	12,81
		11860.00250	250 ml	15,46
		11860.00500	500 ml	21,23
		11860.01000	1.000 ml	28,12
		11860.02500	2.500 ml	42,29
		11860.05000	5.000 ml	87,02
		11860.10000	10.000 ml	158,52
		11860.20000	20.000 ml	188,61
		11860.25000	25.000 ml	203,56
		11860.30000	30.000 ml	217,69
Xylene **Lagerung:** *15 … 25 °C* Relevant Incredients: • Xylene	**Solvents / Fixatives / Sample processing** Xylene is a clear, colorless liquid consisting of ortho-, meta- and para-xylene isomers. In histology, it is used for deparaffinization and as an embedding medium for tissue samples. In addition, xylene is used as a solvent in paints, adhesives, printing and rubber industries, and for the production of plastics and chemical compounds.	Order-No.:	Amount:	Price:
		11070.00250	250 ml	9,89
		11070.00500	500 ml	12,80
		11070.01000	1.000 ml	17,54
		11070.02500	2.500 ml	24,14
		11070.05000	5.000 ml	37,54
		11070.10000	10.000 ml	69,31
		11070.25000	25.000 ml	124,81
		11070.x0200	200.000 ml	811,54

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09.1 Alcohols & solvents

Xylene Aniline Oil (1:1)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Xylene
- Aniline oil

Post-treatment of Gram stains

The xylene-aniline oil solution (1:1) is a versatile component in staining kits such as GRAM staining according to WEIGERT. It is used to prepare tissue samples and improve microscopy image quality by removing excess dyes with xylene and increasing clarity and preserving samples with aniline oil.

Order-No.:	Amount:	Price:
16419.00100	**100 ml**	**68,34**
16419.00250	**250 ml**	**89,80**
16419.00500	**500 ml**	**128,38**
16419.01000	**1.000 ml**	**248,91**
16419.02500	**2.500 ml**	**562,03**

Xylene Substitute (Neo-Clear®)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Xylene Substitute (Neo-Clear®)

Xylene substitute / dewaxing / infiltration

Neo-Clear® is a xylene substitute used in histology and cytology as a safer and more environmentally friendly alternative. It has similar properties to xylene, but is low odor, less volatile and has lower toxicity. Adjustments to staining and processing protocols may be required when switching to Neo-Clear®.

Order-No.:	Amount:	Price:
11654.01000	**1.000 ml**	**63,14**
11654.05000	**5.000 ml**	**174,49**
11654.25000	**25.000 ml**	**813,56**

Acetic acid 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Differentiation / pickling / bluing

The 1% acetic acid solution is a diluted acetic acid for histological applications. It is used for differentiation of stains, removal of excess dyes and rinsing of tissue sections. It also enables gentle transfer of sections into acid staining solutions for optimal staining results.

Order-No.:	Amount:	Price:
10180.00100	**100 ml**	**9,57**
10180.00250	**250 ml**	**11,40**
10180.00500	**500 ml**	**13,57**
10180.01000	**1.000 ml**	**15,74**
10180.02500	**2.500 ml**	**24,95**

Acetic Acid 1.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Use as laboratory reagent

Acetic acid 1.0 mol/l is a high-quality laboratory chemical used for titrations, acid-base reactions, buffer solutions and synthesis of acetic acid derivatives. It has slightly acidic properties and allows determination of concentrations of unknown bases and control of pH values in chemical and biological systems.

Order-No.:	Amount:	Price:
16815.00100	**100 ml**	**13,38**
16815.00250	**250 ml**	**14,49**
16815.00500	**500 ml**	**17,26**
16815.01000	**1.000 ml**	**21,43**
16815.02500	**2.500 ml**	**38,11**

Acetic Acid 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Differentiation / pickling / blueing / etching

Acetic acid 10% is suitable for gentler treatment of sensitive specimens and materials in areas such as histology and life sciences due to its lower acid concentration. It can also be used in chemical reactions and offers a milder effect compared to stronger acids, which better preserves more sensitive structures.

Order-No.:	Amount:	Price:
13431.00100	**100 ml**	**9,69**
13431.00250	**250 ml**	**11,73**
13431.00500	**500 ml**	**14,59**
13431.01000	**1.000 ml**	**17,04**
13431.02500	**2.500 ml**	**27,97**
13431.05000	**5.000 ml**	**42,46**
13431.10000	**10.000 ml**	**77,26**

Acetic Acid 12 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Differentiation / pickling / bluing

12% acetic acid solution has many applications in life science and medical diagnostics. It is used as a reagent for biochemical reactions, lends itself to cleaning and disinfection in laboratories, and acts as a preservative as it inhibits the growth of microorganisms.

Order-No.:	Amount:	Price:
13827.00100	**100 ml**	**9,71**
13827.00250	**250 ml**	**11,80**
13827.00500	**500 ml**	**14,82**
13827.01000	**1.000 ml**	**17,33**
13827.02500	**2.500 ml**	**28,64**

Acetic Acid 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Differentiation / pickling / bluing

Acetic acid 2% is used in histology as a rinsing and differentiation solution to adjust the pH of sections during the staining process and to selectively remove excess dyes. Due to its low concentration, it is more precise and less harmful than other acetic acid solutions.

Order-No.:	Amount:	Price:
13267.00250	**250 ml**	**11,44**
13267.00500	**500 ml**	**13,68**
13267.01000	**1.000 ml**	**15,88**
13267.02500	**2.500 ml**	**25,28**

Acetic Acid 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Aqua dest. / pure water

Laboratory reagent

Acetic acid 20% is used in medicine and science as a fixing solution in histology and as a pH buffer in laboratories. It stabilizes protein structures in tissue samples and enables detailed microscopic examinations. The solution is often further diluted for more precise and gentle reactions.

Order-No.:	Amount:	Price:
18564.00100	**100 ml**	**9,86**
18564.00250	**250 ml**	**12,22**
18564.00500	**500 ml**	**16,15**
18564.01000	**1.000 ml**	**19,02**
18564.02500	**2.500 ml**	**32,53**
18564.05000	**5.000 ml**	**51,59**
18564.10000	**10.000 ml**	**82,07**
18564.20000	**20.000 ml**	**130,35**
18564.25000	**25.000 ml**	**175,77**

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09.2 Acids & alkalis

Acetic Acid 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Differentiation / pickling / bluing

A 3% acetic acid solution is used in histology to adjust the pH of tissue sections for optimal staining. It is particularly useful in alcian blue staining, where pH is critical to the staining result. The solution allows precise pH adjustments and clear, consistent staining results.

Order-No.:	Amount:	Price:
11384.00100	**100 ml**	**9,60**
11384.00250	**250 ml**	**11,48**
11384.00500	**500 ml**	**13,79**
11384.01000	**1.000 ml**	**16,03**
11384.02500	**2.500 ml**	**25,61**

Acetic Acid 30 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Differentiation / pickling / blueing / etching

Acetic acid 30% is used in histology to fix tissue specimens and in life science to prepare buffer solutions and as an acid component. It has a balanced acid concentration and is gentle to tissue structures while performing chemical reactions such as precipitation, neutralization and hydrolysis. Compared to stronger acids such as hydrochloric acid or sulfuric acid, it provides sufficient acid concentration with milder effect.

Order-No.:	Amount:	Price:
13428.00100	**100 ml**	**12,44**
13428.00250	**250 ml**	**12,45**
13428.00500	**500 ml**	**16,88**
13428.01000	**1.000 ml**	**19,94**
13428.02500	**2.500 ml**	**34,67**
13428.05000	**5.000 ml**	**55,86**
13428.10000	**10.000 ml**	**103,33**
13428.20000	**20.000 ml**	**146,99**

Acetic Acid 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Differentiation / pickling / blueing / etching

The 5% acetic acid is a weak acid solution used in fields such as histology, cytology, microbiology and chemistry, for example for decalcification of bone tissue, fixation of cells, pH regulation and in titrations. It is also used as a cleaning agent and starting material in industry.

Order-No.:	Amount:	Price:
11727.00100	**100 ml**	**9,62**
11727.00250	**250 ml**	**11,55**
11727.00500	**500 ml**	**14,02**
11727.01000	**1.000 ml**	**16,31**
11727.02500	**2.500 ml**	**26,28**
11727.05000	**5.000 ml**	**39,08**
11727.10000	**10.000 ml**	**61,39**
11727.20000	**20.000 ml**	**81,68**
11727.25000	**25.000 ml**	**102,77**

Acetic Acid 5.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Use as laboratory reagent

Acetic acid 5.0 mol/l is a precisely diluted solution for use in scientific, technical and industrial applications requiring accurate molarity. It is often used as a component of buffer solutions in biochemical and analytical procedures and is also useful as an acidity regulator in the food industry. The concentration of the solution allows precise control of pH and acid concentration, but should only be used where necessary to avoid undesirable chemical reactions.

Order-No.:	Amount:	Price:
13333.00250	**250 ml**	**14,06**
13333.00500	**500 ml**	**19,84**
13333.01000	**1.000 ml**	**24,71**

Acetic Acid 60 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%
- Aqua dest. / pure water

Differentiation / pickling / blueing / etching

Acetic acid 60% is a chemical solution of acetic acid 99% and water used in medical diagnostics, histology, metallography and scientific laboratories. It is used for cleaning and degreasing metal surfaces, as a mordant, pH buffer and fixative for cell structures.

Order-No.:	Amount:	Price:
17527.00250	**250 ml**	**13,54**
17527.00500	**500 ml**	**20,30**
17527.01000	**1.000 ml**	**24,28**
17527.02500	**2.500 ml**	**44,71**
17527.05000	**5.000 ml**	**57,91**
17527.10000	**10.000 ml**	**75,59**

Acetic Acid 99 % (Glacial Acid)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Acetic acid 99%

Differentiation / pickling / blueing / etching

Acetic acid 99% (glacial acetic acid) is a strong, colorless organic acid that becomes solid at temperatures below 16.6°C. It is used in industry and laboratory science for plastics, pharmaceuticals and dyes. Glacial acetic acid is corrosive and requires proper handling and protective equipment.

Order-No.:	Amount:	Price:
11998.00100	**100 ml**	**13,31**
11998.00250	**250 ml**	**14,95**
11998.00500	**500 ml**	**24,74**
11998.01000	**1.000 ml**	**29,93**
11998.02500	**2.500 ml**	**57,77**
11998.05000	**5.000 ml**	**92,25**
11998.10000	**10.000 ml**	**174,81**
11998.20000	**20.000 ml**	**295,05**
11998.25000	**25.000 ml**	**355,08**

Ammonia 0,1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium hydroxide 25%

Laboratory reagent

Ammonia 0.1% is used in laboratory chemistry and scientific laboratories for various purposes, such as pH regulation, protein dissolution and as a chemical reagent. It is an ammoniacal solution with alkalizing properties and is useful for precise acid concentration measurements.

Order-No.:	Amount:	Price:
19220.00100	**100 ml**	**7,54**
19220.00250	**250 ml**	**7,80**
19220.00500	**500 ml**	**8,62**
19220.01000	**1.000 ml**	**9,17**
19220.02500	**2.500 ml**	**13,61**
19220.05000	**5.000 ml**	**18,07**

09.2 Acids & alkalis

Product	Description	Order Information

Ammonia 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium hydroxide 25%

Use as laboratory reagent, etchant additive

Ammonia in 10% solution has multiple applications in medicine, histology, metallography, chemical synthesis and pharmacy. It is used for determination of ammonium concentration, as an etchant for metals, preparation of active ingredient salts and cleaning of galvanized steel. Its chemical formula allows versatile properties and applications.

Order-No.:	Amount:	Price:
16995.00100	**100 ml**	**9,49**
16995.00250	**250 ml**	**10,96**
16995.00500	**500 ml**	**13,32**
16995.01000	**1.000 ml**	**15,05**
16995.02500	**2.500 ml**	**26,85**
16995.05000	**5.000 ml**	**44,55**
16995.10000	**10.000 ml**	**83,20**
16995.20000	**20.000 ml**	**137,94**
16995.25000	**25.000 ml**	**165,24**

Ammonia 25 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium hydroxide 25%

laboratory use, etching additive

Ammonia 25% is a concentrated aqueous solution of ammonia gas and is used in professional laboratory and industrial environments. It has multiple applications in analytical chemistry, synthesis chemistry, microbiology and environmental analysis. It can be used as a buffer solution, complexing agent, starting material for compounds and as a pH regulator.

Order-No.:	Amount:	Price:
10135.00100	**100 ml**	**12,01**
10135.00250	**250 ml**	**12,83**
10135.00500	**500 ml**	**13,56**
10135.01000	**1.000 ml**	**21,27**
10135.02500	**2.500 ml**	**40,84**

Caustic potash / Potassium hydroxide / KOH 15 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 15% potassium hydroxide solution is used in various fields such as microbiology, chemical industry, textile industry and laboratory. It is used for differentiation of organisms, production of soaps and detergents, removal of grease and dirt, and as an etchant and electrolyte. The higher concentration provides more effective reaction.

Order-No.:	Amount:	Price:
12953.00100	**100 ml**	**7,45**
12953.00250	**250 ml**	**9,42**
12953.00500	**500 ml**	**12,62**
12953.01000	**1.000 ml**	**14,74**

Caustic potash / Potassium hydroxide / KOH 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / bluing

The 2% potassium hydroxide solution is a slightly alkaline solution used in laboratories and industry, e.g. for differentiation of yeasts and fungi in microbiology, production of mild soaps, detergents, removal of grease and dirt in textile industry, pH regulation in food industry and as an etchant in metallurgy.

Order-No.:	Amount:	Price:
16230.00100	**100 ml**	**7,23**
16230.00250	**250 ml**	**8,80**
16230.00500	**500 ml**	**10,64**
16230.01000	**1.000 ml**	**12,26**
16230.02500	**2.500 ml**	**19,30**

Caustic potash / Potassium hydroxide / KOH 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 3% potassium hydroxide solution is a weakly concentrated alkaline solution used in laboratories and various industries. Applications include microbiology, production of mild soaps and detergents, textile industry, food industry, neutralization of acids and etchants to remove proteins and grease, and in metallography.

Order-No.:	Amount:	Price:
15225.00100	**100 ml**	**7,24**
15225.00250	**250 ml**	**8,85**
15225.00500	**500 ml**	**10,77**
15225.01000	**1.000 ml**	**12,43**
15225.02500	**2.500 ml**	**19,68**

Caustic potash / Potassium hydroxide / KOH 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 5% potassium hydroxide solution (KOH) is an alkaline solution that is used in many ways in laboratories and industry, e.g. in microbiology, in the production of soaps, in the textile and food industries, as an etchant and electrolyte or for visualizing metal structures.

Order-No.:	Amount:	Price:
11560.00100	**100 ml**	**7,27**
11560.00250	**250 ml**	**8,93**
11560.00500	**500 ml**	**11,06**
11560.01000	**1.000 ml**	**12,78**
11560.02500	**2.500 ml**	**20,47**

Caustic potash / Potassium hydroxide / KOH 50 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 50% potassium hydroxide solution is a highly concentrated alkaline solution used in laboratories and industries such as chemical, textile and food. It is used for the production of soaps, detergents, removal of grease, pH regulation, preservation, neutralization of acids and etchant for glassware, silicon and metals.

Order-No.:	Amount:	Price:
16696.00100	**100 ml**	**9,91**
16696.00250	**250 ml**	**17,04**
16696.00500	**500 ml**	**21,91**
16696.01000	**1.000 ml**	**28,53**
16696.02500	**2.500 ml**	**55,24**

09.2 Acids & alkalis

Product	Description	Order Information

Caustic potash solution / potassium hydroxide / KOH 0.5 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 0.5 mol/l potassium hydroxide solution is a moderately concentrated alkaline solution used in laboratories and industry. It is used for differentiation of yeasts and fungi, production of soaps and detergents, regulation of pH in textile and food industry, and as an etchant and electrolyte in metal industry.

Order-No.:	Amount:	Price:
11848.00100	**100 ml**	**9,61**
11848.00250	**250 ml**	**11,52**
11848.00500	**500 ml**	**13,93**
11848.01000	**1.000 ml**	**16,20**
11848.02500	**2.500 ml**	**26,02**

Caustic potash solution / potassium hydroxide / KOH 1 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 1 mol/l potassium hydroxide solution is a concentrated alkaline solution used in laboratories and industry. It is used for differentiation of yeasts and fungi, production of soaps and detergents, regulation of pH, preservation, caustic and electrolyte.

Order-No.:	Amount:	Price:
11250.00100	**100 ml**	**9,66**
11250.00250	**250 ml**	**11,67**
11250.00500	**500 ml**	**14,41**
11250.01000	**1.000 ml**	**16,80**
11250.02500	**2.500 ml**	**27,42**

Caustic potash solution / potassium hydroxide / KOH 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 20% potassium hydroxide solution is used in various areas of the laboratory and industry, such as in microbiology to distinguish yeasts and filamentous fungi, or in the chemical industry for the production of soaps and other products. In the laboratory it is used as an etchant, while in industry it finds application in the etching of silicon.

Order-No.:	Amount:	Price:
13756.00100	**100 ml**	**7,55**
13756.00250	**250 ml**	**9,73**
13756.00500	**500 ml**	**10,12**
13756.01000	**1.000 ml**	**15,97**
13756.02500	**2.500 ml**	**27,65**

Caustic potash solution / potassium hydroxide / KOH 3.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 3.0 mol/l potassium hydroxide solution is a concentrated alkaline solution used in laboratories and industry. It is used to distinguish yeasts and fungi, make soaps, detergents, remove grease and dirt, regulate pH, and as an etchant. Safety measures are important due to its alkalinity and causticity.

Order-No.:	Amount:	Price:
13259.00100	**100 ml**	**9,88**
13259.00250	**250 ml**	**12,27**
13259.00500	**500 ml**	**16,31**
13259.01000	**1.000 ml**	**19,22**
13259.02500	**2.500 ml**	**33,01**

Caustic soda / NaOH 0.75 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

The 0.75 mol/l sodium hydroxide solution (NaOH) is a strong alkaline solution used in chemistry, biology, histology, cell biology, microbiology and industry. Applications include pH adjustment, protein and fat removal, bacterial cell wall disruption, soap making, acid neutralization, waste water treatment, paper and textile industries, and metallography.

Order-No.:	Amount:	Price:
18955.00100	**100 ml**	**12,26**
18955.00250	**250 ml**	**12,36**
18955.00500	**500 ml**	**14,65**
18955.01000	**1.000 ml**	**17,40**
18955.02500	**2.500 ml**	**28,80**
18955.05000	**5.000 ml**	**43,51**

Caustic soda 4 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

Caustic soda (sodium hydroxide, NaOH) in a 4% solution is a corrosive alkaline solution used in chemistry, biology, industry and metallography. It is used for adjusting pH, removing proteins and fats, breaking bacterial cell walls, making soaps and detergents, neutralizing acids, treating wastewater, and as a macro-etching agent for aluminum welds.

Order-No.:	Amount:	Price:
12398.00250	**250 ml**	**9,73**
12398.00500	**500 ml**	**11,62**
12398.01000	**1.000 ml**	**13,78**

Citric Acid 0.1 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Citric acid

Preparation of buffer solutions

Citric acid 0.1 mol/l is an important laboratory chemical used mainly for the preparation of citrate buffers for pH regulation in biological systems. It allows precise adjustments of ionic strength and is useful for enzymatic reactions as well as metal ion binding in analytical chemistry.

Order-No.:	Amount:	Price:
14787.00100	**100 ml**	**10,95**
14787.00250	**250 ml**	**15,47**
14787.00500	**500 ml**	**20,89**
14787.01000	**1.000 ml**	**28,14**
14787.02500	**2.500 ml**	**52,08**

Citric Acid 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Citric acid

Preparation of buffer solutions

Citric acid 1% as a solution is used in laboratory inserts and dyeing kits. It modulates pH, regulates enzymatic activity and improves staining capacity. As a chelator, it binds metal ions and increases the efficiency of biochemical reactions. It enables uniform staining in histological and cytological preparations and effectively visualizes cell nuclei, membranes or pathological changes.

Order-No.:	Amount:	Price:
16827.00100	**100 ml**	**12,76**
16827.00250	**250 ml**	**15,28**
16827.00500	**500 ml**	**20,29**
16827.01000	**1.000 ml**	**27,38**
16827.02500	**2.500 ml**	**50,33**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

09.2 Acids & alkalis

Citric Acid 1.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Citric acid

Preparation of buffer solutions

Citric acid 1.0 mol/l is a versatile laboratory chemical used mainly as a buffer solution to keep the pH environment stable in chemical reactions. It acts as a weak acid, chelating agent and preservative, with the concentration allowing precise adjustment.

Order-No.:	Amount:	Price:
15207.00100	**100 ml**	**14,07**
15207.00250	**250 ml**	**19,04**
15207.00500	**500 ml**	**30,24**
15207.01000	**1.000 ml**	**42,43**
15207.02500	**2.500 ml**	**85,14**

Citric Acid 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Citric acid

Etching / Cleaning / Laboratory reagent / Buffer

Citric acid 20% is used in metallography and scientific laboratories to process metal surfaces and passivate stainless steel. It is also used to prepare sodium citrate buffer pH 7.0, which is used in dye kits for pH regulation and protein stabilization.

Order-No.:	Amount:	Price:
17655.00100	**100 ml**	**14,48**
17655.00250	**250 ml**	**20,24**
17655.00500	**500 ml**	**33,76**
17655.01000	**1.000 ml**	**47,22**
17655.02500	**2.500 ml**	**96,21**

Formic acid ~ 98 %, pure

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formic acid

Decalcifying solution / etchant

Formic acid with 98% purity has unique chemical properties and is used in various scientific and industrial contexts; it is an important reagent in organic chemistry because it has capabilities as an acid and reducing agent. It is also used in medical diagnostics and life sciences.

Order-No.:	Amount:	Price:
13778.00100	**100 ml**	**21,83**
13778.00250	**250 ml**	**35,11**
13778.00500	**500 ml**	**62,09**
13778.01000	**1.000 ml**	**114,89**
13778.02500	**2.500 ml**	**261,79**

Formic Acid 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formic acid
- Aqua dest. / pure water

Decalcifying solution / etchant

Formic acid 20% is used in medical diagnostics, histology and scientific laboratories. It enhances the fixation properties of formalin and is used as a buffer substance. Fixation with formic acid stabilizes tissue structures and maintains their morphological integrity for more precise histological imaging.

Order-No.:	Amount:	Price:
17846.00250	**250 ml**	**15,50**
17846.00500	**500 ml**	**24,83**
17846.01000	**1.000 ml**	**35,60**

Formic Acid 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Formic acid

Decalcifying solution / etchant

Formic acid 5% is an organic acid solution used in various applications such as histology, materialography and laboratory cleaning. It is particularly useful for decalcification of tissue specimens, etching of materials and as a reducing agent.

Order-No.:	Amount:	Price:
11977.00250	**250 ml**	**11,99**
11977.00500	**500 ml**	**15,09**
11977.01000	**1.000 ml**	**21,57**
11977.02500	**2.500 ml**	**40,31**
11977.05000	**5.000 ml**	**70,01**
11977.10000	**10.000 ml**	**132,95**
11977.20000	**20.000 ml**	**179,12**
11977.25000	**25.000 ml**	**202,14**
11977.30000	**30.000 ml**	**224,56**

Horn softener for histology

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Ammonium hydroxide 25%

Softening of tissues

Horn softener for histology is an in vitro diagnostic agent that softens tissue samples, especially horn-containing tissues, to allow better penetration of staining agents. This makes staining more efficient, improves the visibility of tissue structures under the microscope and enables precise histological analysis.

Order-No.:	Amount:	Price:
14835.00100	**100 ml**	**11,89**
14835.00250	**250 ml**	**14,75**
14835.00500	**500 ml**	**19,58**
14835.01000	**1.000 ml**	**22,40**
14835.02500	**2.500 ml**	**38,37**

Hydrochloric Acid 0.001 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 0.001% is a high-precision laboratory chemical used in histology, cytology and metallography. It enables optimal staining results, tissue structure analysis and detailed examination of metals.

Order-No.:	Amount:	Price:
15802.00100	**100 ml**	**8,76**
15802.00250	**250 ml**	**12,01**
15802.00500	**500 ml**	**15,80**
15802.01000	**1.000 ml**	**21,63**
15802.02500	**2.500 ml**	**39,21**

Hydrochloric Acid 0.05 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 0.05% is used in various scientific and technical fields, especially in medical diagnostics and life sciences as a buffer solution to adjust pH in experiments and assays. The low concentration minimizes side effects and allows precise pH control. The mode of operation is based on proton release to surrounding molecules.

Order-No.:	Amount:	Price:
13514.00100	**100 ml**	**9,58**
13514.00250	**250 ml**	**11,69**
13514.00500	**500 ml**	**15,18**
13514.01000	**1.000 ml**	**20,38**

09.2 Acids & alkalis

Product	Description	Order Information

Hydrochloric Acid 0.1 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 0.1 mol/l is mainly used in histology and pathology to regulate the pH of specimens, soften tissues and visualize certain structures. The solution is based on an aqueous base in which fuming hydrochloric acid 37% is diluted and is well suited for histological and pathological applications where precise pH control and action on tissue samples are required.

Order-No.:	Amount:	Price:
12821.00100	**100 ml**	**9,58**
12821.00250	**250 ml**	**11,70**
12821.00500	**500 ml**	**15,20**
12821.01000	**1.000 ml**	**20,41**
12821.02500	**2.500 ml**	**36,77**

Hydrochloric Acid 0.2 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

A 0.2 mol/l hydrochloric acid solution is used in histology and pathology for pH regulation, tissue softening and visulization. It is also a reagent in enzymatic reactions and staining processes and enables precise pH control and targeted action on tissue samples.

Order-No.:	Amount:	Price:
12824.00250	**250 ml**	**12,02**
12824.00500	**500 ml**	**15,85**
12824.01000	**1.000 ml**	**21,68**

Hydrochloric Acid 0.25 % (Acid Rinse)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid with 0.25% concentration is used in histology, metalworking and life science research. The controlled acid action enables chemical reactions without material damage. Hydrochloric acid is an important source of hydronium ions and plays an important role in many laboratory processes.

Order-No.:	Amount:	Price:
13787.00250	**250 ml**	**12,01**
13787.00500	**500 ml**	**15,81**
13787.01000	**1.000 ml**	**21,64**
13787.02500	**2.500 ml**	**39,23**
13787.05000	**5.000 ml**	**62,84**
13787.10000	**10.000 ml**	**110,25**

Hydrochloric Acid 0.4 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 0.4 mol/l is a common laboratory reagent prepared from fuming hydrochloric acid and ultrapure water. It is used in analytical chemistry as an acid/base titrant solution to determine the content of basic substances. It acts as a proton donor, neutralizes bases, forms salts and water, and can be used to adjust pH and dissolve metal oxides.

Order-No.:	Amount:	Price:
15046.00100	**100 ml**	**9,59**
15046.00250	**250 ml**	**11,72**
15046.00500	**500 ml**	**15,27**
15046.01000	**1.000 ml**	**20,49**
15046.02500	**2.500 ml**	**36,95**

Hydrochloric Acid 0.5 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 0.5% is a dilute solution of hydrogen chloride and water used in histology for staining reagents and pH adjustments. It optimizes staining methods such as Gram stain and is used for demineralization of bone tissue. It is also used in chemistry, biochemistry, chloride production and ore refinement.

Order-No.:	Amount:	Price:
11819.00100	**100 ml**	**9,70**
11819.00250	**250 ml**	**12,01**
11819.00500	**500 ml**	**15,82**
11819.01000	**1.000 ml**	**21,65**
11819.02500	**2.500 ml**	**39,26**

Hydrochloric Acid 0.5 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 0.5 mol/l is a high quality laboratory reagent for analytical and synthetic chemistry. The solution of hydrochloric acid in high purity water serves as a strong, monoprotic acid reagent. Applications include titrations, pH adjustments, acid-base reactions and qualitative analysis for ion or functional group detection. Its chemical formula is HCl.

Order-No.:	Amount:	Price:
16701.00100	**100 ml**	**10,65**
16701.00250	**250 ml**	**12,04**
16701.00500	**500 ml**	**15,90**
16701.01000	**1.000 ml**	**21,75**
16701.02500	**2.500 ml**	**39,48**

Hydrochloric Acid 1 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / blueing / etching

Hydrochloric acid 1% is a dilute solution of hydrochloric acid in water used in histology for differentiation of stains, decalcification of tissue sections and pH adjustment of staining solutions. It allows clearer visualization of cell structures and facilitates staining procedures.

Order-No.:	Amount:	Price:
11176.00100	**100 ml**	**9,58**
11176.00250	**250 ml**	**11,71**
11176.00500	**500 ml**	**15,24**
11176.01000	**1.000 ml**	**20,45**
11176.02500	**2.500 ml**	**36,88**

Hydrochloric Acid 1.0 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / blueing / etching

The 1.0 molar hydrochloric acid solution is used in various scientific and industrial fields, including protein precipitation, pH regulation, hydrolysis of compounds and demineralization of tissue samples. It also plays an important role in chemistry, biology and environmental science.

Order-No.:	Amount:	Price:
12827.00100	**100 ml**	**9,73**
12827.00250	**250 ml**	**12,07**
12827.00500	**500 ml**	**16,02**
12827.01000	**1.000 ml**	**21,90**
12827.02500	**2.500 ml**	**39,81**
12827.05000	**5.000 ml**	**43,25**
12827.10000	**10.000 ml**	**59,99**
12827.20000	**20.000 ml**	**69,77**
12827.25000	**25.000 ml**	**79,23**

valid from 05.04.2024
all prices are EXW Frankfurt and excl. VAT

09.2 Acids & alkalis

Product	Description	Order Information

Hydrochloric Acid 1.18 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Titration, histological preparation, metallography

Hydrochloric acid 1.18 mol/l is an important chemical in laboratory chemistry and scientific laboratories, consisting of aqua bidest (H2O) and fuming hydrochloric acid (HCl). It is often used for pH regulation, cleaning laboratory glassware, as a catalyst for chemical reactions, and for making buffer systems in biochemical experiments.

Order-No.:	Amount:	Price:
18061.00100	100 ml	9,73
18061.00250	250 ml	12,08
18061.00500	500 ml	16,05
18061.01000	1.000 ml	21,94
18061.02500	2.500 ml	39,91
18061.05000	5.000 ml	60,03
18061.10000	10.000 ml	101,57
18061.20000	20.000 ml	127,12
18061.25000	25.000 ml	138,84

Hydrochloric Acid 10 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Aqua bidest / purified water

Differentiation / pickling / bluing

Hydrochloric acid 10% is a strongly corrosive laboratory chemical that has many uses in scientific and industrial laboratories, e.g. for pH adjustment, cleaning glassware and etching metals. It is based on hydrogen chloride gas (HCl) and enables numerous chemical reactions by proton release.

Order-No.:	Amount:	Price:
15399.00100	100 ml	8,71
15399.00250	250 ml	11,88
15399.00500	500 ml	12,35
15399.01000	1.000 ml	21,14
15399.02500	2.500 ml	38,41
15399.05000	5.000 ml	62,45
15399.10000	10.000 ml	111,73
15399.25000	25.000 ml	126,59

Hydrochloric Acid 10.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / blueing / etching

Hydrochloric acid 10.0 mol/l is a highly concentrated solution used in the chemical industry, analytics and environmental technology. It acts as an acid catalyst, can be used for titration and cleaning, and is suitable for decalcification. The high concentration allows precise results, but lower concentrations should also be considered.

Order-No.:	Amount:	Price:
12845.00100	100 ml	11,81
12845.00250	250 ml	12,67
12845.00500	500 ml	13,14
12845.01000	1.000 ml	24,30
12845.02500	2.500 ml	45,21

Hydrochloric acid 12 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Etching and cleaning

The 12% hydrochloric acid, a mixture of fuming hydrochloric acid and distilled water, is used in metallography and laboratories, especially in the BERAHA II color etchant kit for metal contrasting. It acts as a proton donor and enables chemical reactions, especially etching reactions on metals.

Order-No.:	Amount:	Price:
19166.00100	100 ml	8,84
19166.00250	250 ml	12,23
19166.00500	500 ml	13,07
19166.01000	1.000 ml	22,54
19166.02500	2.500 ml	41,25
15399.05000	5.000 ml	66,88
15399.10000	10.000 ml	118,04
15399.25000	25.000 ml	134,88

Hydrochloric acid 15 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Aqua dest. / pure water

Laboratory reagent

Hydrochloric acid 15 % is a laboratory chemical with multiple applications such as acid-base titrations and pH adjustments. It consists of hydrogen chloride in water and is suitable for sensitive applications, e.g. in organic chemistry and biochemistry.

Order-No.:	Amount:	Price:
16456.00100	100 ml	9,80
16456.00250	250 ml	12,27
16456.00500	500 ml	16,67
16456.01000	1.000 ml	22,71
16456.02500	2.500 ml	41,63
16456.05000	5.000 ml	56,36
16456.10000	10.000 ml	99,01
16456.20000	20.000 ml	108,57
16456.25000	25.000 ml	113,30

Hydrochloric Acid 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / blueing / etching

The 2% hydrochloric acid solution is used in science and medicine, especially in histology to remove calcium ions from tissue preparations. Despite low concentration, it retains the properties of a strong acid and is preferred in sensitive applications.

Order-No.:	Amount:	Price:
13694.00100	100 ml	7,71
13694.00250	250 ml	11,73
13694.00500	500 ml	15,30
13694.01000	1.000 ml	20,53
13694.02500	2.500 ml	37,04

Hydrochloric Acid 2,0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / blueing / etching

Hydrochloric acid 2.0 mol/l is a versatile aqueous solution used in histology, medical diagnostics and life sciences. The exact molarity enables precise, reproducible results and controlled reactions, e.g. in pH adjustment, protein precipitation and hydrolysis.

Order-No.:	Amount:	Price:
14156.00100	100 ml	8,81
14156.00250	250 ml	12,14
14156.00500	500 ml	16,23
14156.01000	1.000 ml	22,16
14156.02500	2.500 ml	40,41

Hydrochloric Acid 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Aqua bidest / purified water

Differentiation / pickling / blueing / etching

Hydrochloric acid 20% is specially formulated for metallography and provides an efficient etching procedure to study the microstructure of metals. It highlights grain and phase boundaries and facilitates the assessment of properties such as grain size, segregation and deformation. It is also used in laboratory applications for pH regulation and hydrolysis of organic compounds.

Order-No.:	Amount:	Price:
15342.00100	100 ml	9,71
15342.00250	250 ml	12,09
15342.00500	500 ml	16,45
15342.01000	1.000 ml	21,97
15342.02500	2.500 ml	40,28

09.2 Acids & alkalis

Hydrochloric Acid 25 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Aqua dest. / pure water

Differentiation / pickling / blueing / etching

Hydrochloric acid (HCl) is a strong acid used in industry and laboratories for various purposes, such as adjusting pH, cleaning glassware or decalcifying tissue samples. When working with concentrated hydrochloric acid, safety precautions such as safety glasses, gloves and protective clothing are important.

Order-No.:	Amount:	Price:
11822.00100	100 ml	11,76
11822.00250	250 ml	12,54
11822.00500	500 ml	17,53
11822.01000	1.000 ml	23,78
11822.02500	2.500 ml	44,05
11822.60000	60.000 ml	441,66

Hydrochloric Acid 25 % p.A.

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric acid 37 %
- Aqua bidest / purified water

Use as laboratory reagent

Hydrochloric acid 25% p.A. is a dilute solution of hydrochloric acid and ultrapure water used in medical diagnostics, histology, metallography and scientific laboratories. Applications include pH adjustment, iron deposit detection, biomolecule extraction, microstructure analysis and corrosion behavior.

Order-No.:	Amount:	Price:
11508.00100	100 ml	31,74
11508.00250	250 ml	48,41
11508.00500	500 ml	132,29
11508.01000	1.000 ml	167,24
11508.02500	2.500 ml	366,82

Hydrochloric Acid 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

pH adjustment, decalcification and etching applications

Hydrochloric acid 3% is a versatile solution for chemical and biological laboratories used in medical diagnostics, histology and metallography. Its strong acidic property allows pH changes, decalcification of tissue samples and etching of metals for precise, reproducible results.

Order-No.:	Amount:	Price:
17303.00100	100 ml	9,73
17303.00250	250 ml	12,07
17303.00500	500 ml	16,02
17303.01000	1.000 ml	21,90
17303.02500	2.500 ml	39,81

Hydrochloric Acid 31 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Aqua dest. / pure water

Laboratory reagent

Hydrochloric acid 31% is an important laboratory chemical with multiple applications in analysis, synthesis and purification. It consists of an aqueous solution of hydrogen chloride and has strong acidic properties. It enables acid-base reactions, serves as an oxidizing agent, and helps adjust pH. In materials testing, it makes microstructures of metals visible.

Order-No.:	Amount:	Price:
16447.00100	100 ml	11,81
16447.00250	250 ml	12,67
16447.00500	500 ml	16,02
16447.01000	1.000 ml	24,30
16447.02500	2.500 ml	45,23
16447.05000	5.000 ml	61,75
16447.10000	10.000 ml	85,42
16447.20000	20.000 ml	98,71
16447.25000	25.000 ml	105,32

Hydrochloric acid 32 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%
- Aqua dest. / pure water

differentiation / blueing / etching of stainings

Hydrochloric acid 32% is an important component in laboratory chemistry and scientific laboratories, used in various analytical methods and synthesis of chemical compounds. It consists mainly of hydrochloride dissolved in water and can react with many substances due to its aggressive and corrosive properties.

Order-No.:	Amount:	Price:
19294.00100	100 ml	11,81
19294.00250	250 ml	12,68
19294.00500	500 ml	16,04
19294.01000	1.000 ml	24,32
19294.02500	2.500 ml	45,26
19294.05000	5.000 ml	61,80
19294.10000	10.000 ml	85,49
19294.20000	20.000 ml	98,85
19294.25000	25.000 ml	105,49

Hydrochloric Acid 37 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Use as laboratory reagent

Hydrochloric acid fuming 37% is a strong laboratory chemical used in chemical, biological and physical laboratories. Its applications include acid-base titrations, pH adjustment, catalyst in reactions and cleaning of laboratory equipment.

Order-No.:	Amount:	Price:
16269.00100	100 ml	9,04
16269.00250	250 ml	12,80
16269.00500	500 ml	16,38
16269.01000	1.000 ml	24,82
16269.02500	2.500 ml	46,39

Hydrochloric Acid 4.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 4.0 mol/l is used in histology and pathology to decalcify tissue samples and promote protein hydrolysis. It is important to monitor the duration and concentration to avoid damage to tissue structures.

Order-No.:	Amount:	Price:
12833.00100	100 ml	11,20
12833.00250	250 ml	12,27
12833.00500	500 ml	13,16
12833.01000	1.000 ml	22,70
12833.02500	2.500 ml	41,61
12833.05000	5.000 ml	67,59

Hydrochloric Acid 5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / blueing / etching

The 5% hydrochloric acid solution is used in the chemical industry, in the laboratory and in quality control. It is suitable for processes requiring a weak acid and can be used to adjust pH, treat metals and remove oxides and dirt from surfaces. Its operation is based on its ability to supply protons and enables acid-base reactions.

Order-No.:	Amount:	Price:
12613.00250	250 ml	11,80
12613.00500	500 ml	15,53
12613.01000	1.000 ml	20,81

09.2 Acids & alkalis

Hydrochloric Acid 5.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 5.0 mol/l is used in analytical chemistry as a titration solution and in life science for adjusting pH values. The strong acid effect results from dissociation of HCl in water, which enables targeted influencing of chemical reactions. It is reactive and less dangerous than more concentrated acids.

Order-No.:	Amount:	Price:
13533.00100	**100 ml**	**11,70**
13533.00250	**250 ml**	**12,35**
13533.00500	**500 ml**	**13,34**
13533.01000	**1.000 ml**	**23,00**
13533.02500	**2.500 ml**	**42,28**

Hydrochloric acid 6

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

differentiation / blueing / etching of stainings

Hydrochloric acid 6% is used in various scientific and industrial fields, such as food industry, environmental analysis and water treatment. It is used to adjust pH in solutions, clean surfaces and perform chemical reactions. Compared with other acids, it is effective, less corrosive and safer to handle.

Order-No.:	Amount:	Price:
19003.00100	**100 ml**	**8,80**
19003.00250	**250 ml**	**12,11**
19003.00500	**500 ml**	**12,79**
19003.01000	**1.000 ml**	**22,07**
19003.02500	**2.500 ml**	**40,19**

Hydrochloric Acid 6.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 6.0 mol/l is used in histology and pathology for accelerated decalcification and protein hydrolysis. The solution reacts effectively with calcium and proteins, facilitates the preparation of tissue sections, but requires careful monitoring of concentration and exposure time.

Order-No.:	Amount:	Price:
12836.00100	**100 ml**	**11,72**
12836.00250	**250 ml**	**12,40**
12836.00500	**500 ml**	**17,08**
12836.01000	**1.000 ml**	**23,23**
12836.02500	**2.500 ml**	**42,80**

Hydrochloric Acid 8,0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Hydrochloric Acid 37%

Differentiation / pickling / bluing

Hydrochloric acid 8.0 mol/l is a highly concentrated solution used in the chemical industry and analytics as an acid catalyst, preparation of solutions and neutralization of basic solutions. Due to its strong acidic property, it acts as a strong reducing or oxidizing agent. The high purity and concentration can be advantageous in certain applications, but lower concentrations should be considered.

Order-No.:	Amount:	Price:
12842.00100	**100 ml**	**11,76**
12842.00250	**250 ml**	**12,54**
12842.00500	**500 ml**	**13,78**
12842.01000	**1.000 ml**	**23,76**
12842.02500	**2.500 ml**	**44,00**

Nitric Acid 53 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Nitric acid 65 %
- Aqua dest. / pure water

Laboratory reagent

Nitric acid 53% is a highly reactive laboratory chemical used in inorganic and organic chemistry. Its applications range from the production of salts and oxides, nitration of organic molecules, passivation of stainless steel to etching of metals.

Order-No.:	Amount:	Price:
16465.00100	**100 ml**	**13,18**
16465.00250	**250 ml**	**15,67**
16465.00500	**500 ml**	**23,50**
16465.01000	**1.000 ml**	**41,49**
16465.02500	**2.500 ml**	**92,01**
16465.05000	**5.000 ml**	**132,66**
16465.10000	**10.000 ml**	**256,62**
16465.20000	**20.000 ml**	**512,31**
16465.25000	**25.000 ml**	**640,10**

Nitric Acid 65 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Nitric acid 65 %

Decalcifying solution / etchant

Nitric acid 65% is a strong oxidizing acid with multiple applications. Its chemical composition (HNO_3) allows reactions with various materials. Applications are histology, decalcification solutions, macro and deep etching agents for welded joints and materialography of copper alloys.

Order-No.:	Amount:	Price:
16629.00100	**100 ml**	**14,27**
16629.00250	**250 ml**	**16,01**
16629.00500	**500 ml**	**21,30**
16629.01000	**1.000 ml**	**37,48**
16629.02500	**2.500 ml**	**81,45**

Perchloric Acid ~ 0.6 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- perchloric acid

Dissolving mucus

Perchloric acid ~ 0.6 mol/l is an aqueous solution and a strong acid as well as oxidizing agent. It is used in analytics, synthesis and electrochemistry, for example for the oxidation of organic compounds, as a titration acid or for the preparation of electrolytes.

Order-No.:	Amount:	Price:
12880.00250	**250 ml**	**24,08**
12880.00500	**500 ml**	**33,20**
12880.01000	**1.000 ml**	**62,60**

Perchloric Acid 0.336 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- perchloric acid

Dissolving mucus

Perchloric acid 0.336 mol/l is an aqueous solution for applications in histology, medical diagnostics and life sciences. With strong oxidizing power, high reactivity and optimal concentration, it enables efficient analysis and reliable fixation of tissue samples.

Order-No.:	Amount:	Price:
14047.00100	**100 ml**	**14,44**
14047.00250	**250 ml**	**20,12**
14047.00500	**500 ml**	**24,88**
14047.01000	**1.000 ml**	**46,75**

09.2 Acids & alkalis

Perchloric Acid 1.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- perchloric acid

Dissolving mucus

Perchloric acid 1.0 mol/l is a colorless solution used in chemistry, electrochemistry and commercial cleaning. It serves as an oxidizing reagent, electrolyte, catalyst and degreaser for sensitive metal surfaces.

Order-No.:	Amount:	Price:
12877.00100	**100 ml**	**21,66**
12877.00250	**250 ml**	**30,09**
12877.00500	**500 ml**	**45,82**
12877.01000	**1.000 ml**	**86,65**

Perchloric Acid 3.36 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- perchloric acid

Oxidation, protein precipitation and tissue fixation.

Perchloric acid 3.36 mol/l is a strong inorganic acid ($HClO_4$) used in scientific laboratories and medical diagnostics. It is used as an oxidizing agent, protein precipitating agent, tissue fixation and in chromatography. Reactions are often exothermic and lead to color changes.

Order-No.:	Amount:	Price:
11897.00100	**100 ml**	**37,94**
11897.00250	**250 ml**	**66,12**
11897.00500	**500 ml**	**121,47**
11897.01000	**1.000 ml**	**230,74**

Perchloric Acid 7 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- perchloric acid

Dissolving mucus

Perchloric acid 7% is used in scientific and medical fields such as histology, medical diagnostics and life sciences due to its strong oxidation properties and denaturing abilities. It helps in the staining of tissue sections, the examination of blood samples and the study of biological processes.

Order-No.:	Amount:	Price:
14458.00100	**100 ml**	**16,60**
14458.00250	**250 ml**	**26,33**
14458.00500	**500 ml**	**37,92**
14458.01000	**1.000 ml**	**71,60**
14458.02500	**2.500 ml**	**152,59**

Phosphoric Acid 70 %, techn. pure

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Phosphorsäure
- Aqua dest. / pure water

raw material for various applications

Technically pure 70% phosphoric acid is a versatile solution used in various fields, including biology, medical diagnostics, material science, and electrochemistry. It is used for etching silicon nitride and wet-etching of compound semiconductors. Its high purity allows for precise acid concentration control in different applications, such as setting pH levels in biological systems. It is also used for rust conversion, passivation of iron and zinc, and as a laboratory chemical in materialography.

Order-No.:	Amount:	Price:
13575.00250	**250 ml**	**22,88**
13575.00500	**500 ml**	**37,29**
13575.01000	**1.000 ml**	**68,55**
13575.02500	**2.500 ml**	**145,96**
13575.05000	**5.000 ml**	**142,83**
13575.10000	**10.000 ml**	**274,15**

Potash lye / potassium hydroxide / KOH 1 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / bluing

The 1% potassium hydroxide solution is a weakly concentrated alkaline solution used in laboratories and various industries, such as microbiology, chemistry, textile and food industry. It is used for differentiation of microorganisms, production of soaps and detergents, as a mild caustic and for neutralization of weak acids. Higher concentrations are often required for stronger action.

Order-No.:	Amount:	Price:
12659.00100	**100 ml**	**7,22**
12659.00250	**250 ml**	**8,77**
12659.00500	**500 ml**	**10,52**
12659.01000	**1.000 ml**	**12,11**
12659.02500	**2.500 ml**	**18,96**

Potash lye / potassium hydroxide / KOH 30 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 30% potassium hydroxide solution is a highly concentrated alkaline solution used in laboratories and industry. It is effective for intense alkaline reactions and high pH, finds application in microbiology, chemistry, textile and food industry, and as an etchant to remove proteins, fats and acids.

Order-No.:	Amount:	Price:
18200.00100	**100 ml**	**8,01**
18200.00250	**250 ml**	**11,47**
18200.00500	**500 ml**	**16,11**
18200.01000	**1.000 ml**	**20,73**
18200.02500	**2.500 ml**	**38,43**

Potash lye / potassium hydroxide / KOH 40 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 50% potassium hydroxide solution is a strongly alkaline solution used in various fields such as the chemical, textile and food industries, as well as in the laboratory. It serves as an etchant, detergent and preservative, but requires precautions due to its high concentration.

Order-No.:	Amount:	Price:
13030.00100	**100 ml**	**8,14**
13030.00250	**250 ml**	**11,42**
13030.00500	**500 ml**	**17,77**
13030.01000	**1.000 ml**	**22,71**
13030.02500	**2.500 ml**	**42,81**

09.2 Acids & alkalis

Potassium hydroxide solution / KOH 10 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- potassium hydroxide

Differentiation / pickling / blueing / etching

The 10% potassium hydroxide solution is a concentrated alkaline solution used in laboratory and industry. Applications include discrimination of yeasts and fungi in microbiology, production of soaps and detergents, textile and food industry, removal of proteins and grease from glassware, and anisotropic etching of silicon and metallography.

Order-No.:	Amount:	Price:
12656.00100	**100 ml**	**7,36**
12656.00250	**250 ml**	**9,17**
12656.00500	**500 ml**	**11,81**
12656.01000	**1.000 ml**	**13,73**
12656.02500	**2.500 ml**	**22,60**

Sodium Hydroxide / Caustic Soda 1 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / bluing

Caustic soda (1% concentration) is used in scientific applications, histology and medical diagnostics. It regulates pH levels, denatures and hydrolyzes proteins and neutralizes acids, enabling precise and reproducible results.

Order-No.:	Amount:	Price:
14425.00100	**100 ml**	**9,22**
14425.00250	**250 ml**	**9,56**
14425.00500	**500 ml**	**11,07**
14425.01000	**1.000 ml**	**13,09**
14425.02500	**2.500 ml**	**21,23**

Sodium Hydroxide / Caustic Soda 0.05 mol/l (~ 0.2 %)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Titration, histological preparation, metallography

Sodium hydroxide solution (NaOH) 0.05 mol/l is used in areas such as medical diagnostics, histology and metallography. It is used for titration of acids, preparation of tissue samples and examination of material structures. The solution consists of sodium hydroxide and water, with NaOH acting as a strong base and water as a solvent.

Order-No.:	Amount:	Price:
16960.00100	**100 ml**	**12,19**
16960.00250	**250 ml**	**13,23**
16960.00500	**500 ml**	**14,03**
16960.01000	**1.000 ml**	**16,61**
16960.02500	**2.500 ml**	**26,97**

Sodium Hydroxide / Caustic Soda 0.1 mol/l (~ 0.4 %)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / bluing

The 0.1 mol/l sodium hydroxide solution is used in chemistry and biology to adjust the pH of solutions and in histology and cell biology to remove proteins and fats from tissue samples. It is also used in microbiology and industry, e.g. in the production of soaps and in the treatment of wastewater. In metallography, it can be used as an etchant to evaluate aluminum welds.

Order-No.:	Amount:	Price:
12190.00100	**100 ml**	**12,68**
12190.00250	**250 ml**	**13,77**
12190.00500	**500 ml**	**14,63**
12190.01000	**1.000 ml**	**17,31**
12190.02500	**2.500 ml**	**28,15**
12190.05000	**5.000 ml**	**41,65**

Sodium Hydroxide / Caustic Soda 0.2 mol/l (~ 0.8 %)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / bluing

Caustic soda (NaOH) 0.2 mol/l is an aqueous solution used in scientific applications for pH adjustments, neutralization reactions and titrations. It enables accurate molarity and precise results in chemistry, life sciences and medical diagnostics.

Order-No.:	Amount:	Price:
14128.00100	**100 ml**	**12,20**
14128.00250	**250 ml**	**12,21**
14128.00500	**500 ml**	**14,16**
14128.01000	**1.000 ml**	**16,76**
14128.02500	**2.500 ml**	**27,34**

Sodium Hydroxide / Caustic Soda 0.5 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / bluing

The 0.5 mol/l sodium hydroxide solution is an alkaline solution used in chemistry, biology, industry and other fields. It is used for adjusting pH values, removing proteins and fats, breaking bacterial cell walls and producing soaps and detergents. It is also used in wastewater treatment, paper and textile industries, and as an etchant for aluminum welds.

Order-No.:	Amount:	Price:
18125.00100	**100 ml**	**12,23**
18125.00250	**250 ml**	**12,29**
18125.00500	**500 ml**	**14,43**
18125.01000	**1.000 ml**	**17,11**
18125.02500	**2.500 ml**	**28,14**

Sodium Hydroxide / Caustic Soda 10 % (~ 2.7 mol/l)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

10% caustic soda is used in various scientific and industrial applications. In chemistry and biology it is often used to adjust pH, while in industry it is used in the manufacture of soaps and detergents. In metallography, it can also be used as an etchant.

Order-No.:	Amount:	Price:
11204.00100	**100 ml**	**9,41**
11204.00250	**250 ml**	**10,10**
11204.00500	**500 ml**	**12,81**
11204.01000	**1.000 ml**	**15,27**
11204.02500	**2.500 ml**	**26,14**
11204.05000	**5.000 ml**	**41,65**
11204.10000	**10.000 ml**	**78,35**
11204.20000	**20.000 ml**	**119,40**
11204.25000	**25.000 ml**	**143,45**

Sodium Hydroxide / Caustic Soda 15 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Etching and cleaning

The 15% caustic soda is an effective macro-etching agent for aluminum welds, as it can attack the surface of aluminum due to its strong alkaline properties. The caustic solution enables a high-contrast display of the weld layers and heat-affected zones, which is crucial for quality assurance and process control in manufacturing.

Order-No.:	Amount:	Price:
14761.00100	**100 ml**	**9,53**
14761.00250	**250 ml**	**10,45**
14761.00500	**500 ml**	**13,94**
14761.01000	**1.000 ml**	**16,67**
14761.02500	**2.500 ml**	**29,30**
14761.05000	**5.000 ml**	**37,87**
14761.10000	**10.000 ml**	**54,02**
14761.20000	**20.000 ml**	**99,48**
14761.25000	**25.000 ml**	**113,03**

09.2 Acids & alkalis

Sodium Hydroxide / Caustic Soda 2,5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

The 2.5% sodium hydroxide solution is an alkaline solution used in chemistry, biology, histology, cell biology, microbiology and industry. Applications include pH adjustment, protein and fat removal, bacterial cell wall disruption, soap and detergent manufacture, acid neutralization, waste water treatment, paper and textile industries, and as an etchant in metallography.

Order-No.:	Amount:	Price:
18028.00100	**100 ml**	**9,25**
18028.00250	**250 ml**	**9,64**
18028.00500	**500 ml**	**11,34**
18028.01000	**1.000 ml**	**13,42**
18028.02500	**2.500 ml**	**21,99**

Sodium Hydroxide / Caustic Soda 2.0 mol/l (~ 8 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

Caustic soda at 2.0 mol/l is particularly suitable for histology and pathology as it precisely adjusts pH and supports catalytic processes, denatures proteins and hydrolyzes peptide bonds to further analyze samples. Due to its alkalinity, it can neutralize acids and serves as an important ingredient in the production of soaps and biodiesel.

Order-No.:	Amount:	Price:
12806.00250	**250 ml**	**12,72**
12806.00500	**500 ml**	**15,78**
12806.01000	**1.000 ml**	**18,83**

Sodium Hydroxide / Caustic Soda 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

The 20% sodium hydroxide solution is a strong alkaline solution used in scientific and industrial applications such as pH adjustments, protein and fat removal from tissue samples, bacterial cell wall disruption, soap making, acid neutralization, waste water treatment, paper and textile industries, and etchant for aluminum welds.

Order-No.:	Amount:	Price:
18469.00100	**100 ml**	**9,67**
18469.00250	**250 ml**	**10,85**
18469.00500	**500 ml**	**15,21**
18469.01000	**1.000 ml**	**18,26**
18469.02500	**2.500 ml**	**32,87**

Sodium Hydroxide / Caustic Soda 25 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

The 25% sodium hydroxide solution is used in various scientific and industrial applications, such as pH adjustment of solutions and media, removal of proteins and fats from tissue samples, treatment of wastewater, and in metallography as an etchant for aluminum welds.

Order-No.:	Amount:	Price:
13612.00100	**100 ml**	**9,83**
13612.00250	**250 ml**	**11,30**
13612.00500	**500 ml**	**16,65**
13612.01000	**1.000 ml**	**20,06**
13612.02500	**2.500 ml**	**36,91**

Sodium Hydroxide / Caustic Soda 3.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

The 3.0 mol/l sodium hydroxide solution is used in various scientific and industrial applications, for example, to adjust pH, remove proteins and fats from tissue samples, treat wastewater, produce soaps and detergents, and as an etchant in metallography.

Order-No.:	Amount:	Price:
13596.00250	**250 ml**	**14,44**
13596.00500	**500 ml**	**18,55**
13596.01000	**1.000 ml**	**22,25**

Sodium Hydroxide / Cautic Soda 40 % (~ 14.3 mol/l)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

The 40% sodium hydroxide solution is a corrosive, alkaline solution used in science and industry. It is used for pH adjustment, removal of proteins and fats, treatment of waste water and as an etchant in metallography. Applications can be found in chemistry, biology, microbiology, paper, textile and soap manufacturing.

Order-No.:	Amount:	Price:
12666.00100	**100 ml**	**8,85**
12666.00250	**250 ml**	**12,04**
12666.00500	**500 ml**	**19,93**
12666.01000	**1.000 ml**	**22,59**
12666.02500	**2.500 ml**	**48,34**
12666.05000	**5.000 ml**	**88,29**
12666.10000	**10.000 ml**	**172,68**
12666.20000	**20.000 ml**	**249,35**
12666.25000	**25.000 ml**	**307,02**
12666.30000	**30.000 ml**	**364,15**

Sodium hydroxide 10.0 mol/l (~ 30 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching / cleaning

The 10.0 mol/l sodium hydroxide solution is relevant in various scientific and industrial applications, such as chemistry, biology, histology, cell biology, microbiology and metallography. It is used for pH adjustment, removal of proteins and fats, breaking of bacterial cell walls, production of soaps and detergents, neutralization of acids, waste water treatment and in paper and textile industry.

Order-No.:	Amount:	Price:
12809.00250	**250 ml**	**11,66**
12809.00500	**500 ml**	**17,80**
12809.01000	**1.000 ml**	**21,49**

Sodium hydroxide solution / NaOH 0.5 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sodium hydroxide
- Aqua dest. / pure water

Differentiation / pickling / bluing

The 0.5% sodium hydroxide solution is an alkaline solution used in various scientific and industrial applications, such as chemistry, biology, histology, cell biology, microbiology, soap making, detergent production, waste water treatment, paper and textile industry, and metallography.

Order-No.:	Amount:	Price:
18293.00100	**100 ml**	**9,21**
18293.00250	**250 ml**	**9,53**
18293.00500	**500 ml**	**10,98**
18293.01000	**1.000 ml**	**12,98**
18293.02500	**2.500 ml**	**20,99**

09.2 Acids & alkalis

Sodium hydroxide solution / NaOH 1.0 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

The 1.0 molar sodium hydroxide solution is a standardized sodium hydroxide solution in water and is used in various scientific and industrial applications, such as acid-base titrations, DNA extraction, and materialography (aluminum welds).

Order-No.:	Amount:	Price:
13908.00100	**100 ml**	**12,28**
13908.00250	**250 ml**	**12,44**
13908.00500	**500 ml**	**14,88**
13908.01000	**1.000 ml**	**17,68**
13908.02500	**2.500 ml**	**29,46**
13908.05000	**5.000 ml**	**44,84**
13908.10000	**10.00 ml**	**83,33**

Sodium hydroxide solution / NaOH 5.0 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sodium hydroxide

Differentiation / pickling / blueing / etching

The 5.0 mol/l sodium hydroxide solution is a strong alkaline solution used in scientific and industrial applications. It is used for adjusting pH, removing proteins and fats, breaking bacterial cell walls, and in the manufacture of soaps, detergents, wastewater treatment and metallography.

Order-No.:	Amount:	Price:
11078.00100	**100 ml**	**12,68**
11078.00250	**250 ml**	**13,59**
11078.00500	**500 ml**	**18,50**
11078.01000	**1.000 ml**	**22,28**
11078.02500	**2.500 ml**	**40,10**

Sulfuric Acid 0.3 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %

Use as laboratory reagent

Dilute sulfuric acid is used in chemical analysis and as a catalyst in various reactions. It can also be used in biochemistry and molecular biology to prepare buffers and adjust pH, and as a component of certain staining methods in histology.

Order-No.:	Amount:	Price:
13858.00100	**100 ml**	**7,34**
13858.00250	**250 ml**	**10,78**
13858.00500	**500 ml**	**13,39**
13858.01000	**1.000 ml**	**16,74**
13858.02500	**2.500 ml**	**29,45**

Sulfuric Acid 0.5 mol/l (1 N)

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %

Use as laboratory reagent

Sulfuric acid 0.5 mol/l (1N) is a versatile substance in laboratory environments. It is used for titration experiments, pH adjustment and as a disinfectant. The concentration enables efficient neutralization reactions and is suitable for many chemical analyses.

Order-No.:	Amount:	Price:
15294.00100	**100 ml**	**8,73**
15294.00250	**250 ml**	**12,19**
15294.00500	**500 ml**	**16,10**
15294.01000	**1.000 ml**	**20,18**
15294.02500	**2.500 ml**	**36,68**

Sulfuric Acid 0.8 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %

Use as laboratory reagent

Sulfuric acid 1.8 mol/l is a single solution of dist. aqua. / deionized water and sulfuric acid 96% p.a., ISO, which is used in laboratory chemistry and scientific laboratories. It serves as a titrant for the determination of bases and enables accurate analysis of the chemical composition of samples.

Order-No.:	Amount:	Price:
18176.00100	**100 ml**	**7,91**
18176.00250	**250 ml**	**12,43**
18176.00500	**500 ml**	**18,67**
18176.01000	**1.000 ml**	**23,33**
18176.02500	**2.500 ml**	**44,29**

Sulfuric Acid 10 %

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %

laboratory use, etching additive

Sulfuric acid 10% is mainly used in analytics and metallography to determine chemical properties and ingredients. It serves as a reagent for chemical reactions and is an important component of etchants. In the Baumann method, it visualizes the sulfur distribution in steels.

Order-No.:	Amount:	Price:
15901.00250	**250 ml**	**13,00**
15901.00500	**500 ml**	**18,99**
15901.01000	**1.000 ml**	**25,61**
15901.02500	**2.500 ml**	**48,17**

Sulfuric Acid 2,0 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %

Use as laboratory reagent

Sulfuric acid 2.0 mol/l is a dilute sulfuric acid solution used in laboratories as an acid catalyst to accelerate chemical processes. It is also used in titration to determine pH values or concentrations and promotes reactions that require an acidic environment, such as ester formation or hydrolysis.

Order-No.:	Amount:	Price:
14872.00100	**100 ml**	**9,86**
14872.00250	**250 ml**	**12,64**
14872.00500	**500 ml**	**19,32**
14872.01000	**1.000 ml**	**24,15**
14872.02500	**2.500 ml**	**46,14**

Sulfuric Acid 2.5 mol/l

Lagerung: *15 ... 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %

Use as laboratory reagent

2.5 mol/L sulfuric acid is a dilute solution with various applications in chemical analysis, industrial manufacturing and environmental engineering. It functions as a strong acid and can serve as an oxidizing agent. Dilution reduces its reactivity and hazardousness and allows more accurate dosing and control.

Order-No.:	Amount:	Price:
12856.00250	**250 ml**	**13,11**
12856.00500	**500 ml**	**20,84**
12856.01000	**1.000 ml**	**26,05**

valid from 05.04.2024
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09.2 Acids & alkalis

Sulphuric acid 1.0 mol/l (~ 10 %)

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %

Lab reagent. Etchant additive.

Sulfuric acid 1.0 mol/l is a dilute solution used as a catalyst and in chemical analysis. It has a strong acidic property, can form salts and water in reactions and act as an oxidizing agent. The diluted form facilitates handling and storage and allows more accurate dosing and control of acid concentration.

Order-No.:	Amount:	Price:
12853.00250	**250 ml**	**11,69**
12853.00500	**500 ml**	**16,30**
12853.01000	**1.000 ml**	**20,38**

Sulphuric acid 96 -98%, conc.

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Sulfuric acid 96 %

Lab reagent. Etchant additive.

Sulfuric acid 96%, conc. is a strong inorganic acid often used in laboratories. It consists of 96% sulfuric acid and 4% water and enables many reactions, such as dehydration and esterification. In the laboratory it is used for pH adjustment, catalysis and production of salts and sulfates.

Order-No.:	Amount:	Price:
15915.00100	**100 ml**	**14,79**
15915.00250	**250 ml**	**19,33**
15915.00500	**500 ml**	**34,08**
15915.01000	**1.000 ml**	**46,08**
15915.02500	**2.500 ml**	**101,52**

Tartaric Acid 2 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- L (+) Tartaric Acid

Differentiation / pickling / blueing / etching

A 2% tartaric acid solution is a dilute organic acid found in fruits such as grapes and used in winemaking. It serves as a buffer, acidity regulator or chelating agent and can be used to produce tartrates.

Order-No.:	Amount:	Price:
11539.00100	**100 ml**	**14,49**
11539.00250	**250 ml**	**16,66**
11539.00500	**500 ml**	**21,14**
11539.01000	**1.000 ml**	**32,93**
11539.02500	**2.500 ml**	**63,16**

Trichloroacetic Acid 0.3 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Trichloroacetic acid

Use as laboratory reagent

The 0.3 molar trichloroacetic acid solution is used in cell biology and molecular biology, especially for protein denaturation and precipitation, thanks to its specific molarity and chemical properties that allow precise control and optimal efficiency.

Order-No.:	Amount:	Price:
14308.00100	**100 ml**	**20,33**
14308.00250	**250 ml**	**22,54**
14308.00500	**500 ml**	**30,47**
14308.01000	**1.000 ml**	**49,08**
14308.02500	**2.500 ml**	**98,98**

Trichloroacetic Acid 1.0 mol/l

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Trichloroacetic acid

Use as laboratory reagent

Trichloroacetic acid 1.0 mol/l is a laboratory chemical used for protein precipitation, removal of impurities from biological samples and fixation of tissues. It denatures proteins and nucleic acids, enables purification of samples and contributes to the preservation of morphological structures.

Order-No.:	Amount:	Price:
15454.00100	**100 ml**	**27,03**
15454.00250	**250 ml**	**32,81**
15454.00500	**500 ml**	**56,13**
15454.01000	**1.000 ml**	**90,19**
15454.02500	**2.500 ml**	**195,60**

Trichloroacetic Acid 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Trichloroacetic acid

laboratory use, decalcification

Trichloroacetic acid 20% is an effective laboratory reagent in medical and histological diagnostics. It provides effective decalcification and sharp staining, especially in staining kits such as the FOUCHET staining kit. Further dilution is necessary to avoid tissue damage.

Order-No.:	Amount:	Price:
16388.00100	**100 ml**	**32,93**
16388.00250	**250 ml**	**40,82**
16388.00500	**500 ml**	**76,10**
16388.01000	**1.000 ml**	**122,20**
16388.02500	**2.500 ml**	**270,82**

Trichloroacetic Acid 20 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Trichloroacetic acid

laboratory use, decalcification

Trichloroacetic acid 25% is an aqueous solution used in medical diagnostics, histology and scientific laboratories. Applications include fixation and decalcification of tissue samples and protein precipitation in biochemical studies. The acid denatures and coagulates proteins and is usually diluted for specific applications.

Order-No.:	Amount:	Price:
18362.00100	**100 ml**	**35,57**
18362.00250	**250 ml**	**48,38**
18362.00500	**500 ml**	**94,98**
18362.01000	**1.000 ml**	**152,45**
18362.02500	**2.500 ml**	**341,91**

Trichloroacetic Acid 3 %

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Trichloroacetic acid

Use as laboratory reagent

Trichloroacetic acid (TCA) 3% is an important laboratory reagent in medical and histological diagnostics. It is used in particular as a protein precipitating agent and for cell fixation. TCA denatures proteins and preserves cells for microscopic examination by embedding protein structures in their current state.

Order-No.:	Amount:	Price:
16054.00100	**100 ml**	**16,64**
16054.00250	**250 ml**	**20,94**
16054.00500	**500 ml**	**26,48**
16054.01000	**1.000 ml**	**42,67**
16054.02500	**2.500 ml**	**83,94**

11. Special applications

Calibration solution pH 10.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Buffer solution pH 10.0

Calibration of pH measuring instruments

The pH 10.0 calibration solution is a buffer solution used in laboratory chemistry and scientific laboratories to calibrate pH measuring instruments. It provides an accurate reference point for pH measurements and helps determine hydrogen ion potential in various media.

Order-No.:	Amount:	Price:
15831.01000	**1.000 ml**	**28,45**

Calibration Solution pH 4.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate 0.2 mol/l
- Citric Acid 0.1 mol/l

Preparation of buffer solutions

The pH 4.0 calibration solution is an important laboratory chemical for the calibration of pH measuring instruments and enables accurate, reproducible pH measurements. It is based on disodium hydrogen phosphate and citric acid and is used in various industries, such as food technology, medicine, environmental technology and chemical industry.

Order-No.:	Amount:	Price:
14805.00100	**100 ml**	**6,77**
14805.00250	**250 ml**	**14,35**
14805.00500	**500 ml**	**16,73**
14805.01000	**1.000 ml**	**31,03**
14805.02500	**2.500 ml**	**60,35**

Calibration Solution pH 7.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Di-sodium hydrogen phosphate 0.2 mol/l
- Citric Acid 0.1 mol/l

Calibration of pH measuring instruments

The pH 7.0 calibration solution is used to calibrate pH measuring instruments in laboratories and consists of disodium hydrogen phosphate, citric acid and sodium azide. This process enables accurate measurements in important fields such as pharmacy, biotechnology, food industry and environmental analysis.

Order-No.:	Amount:	Price:
14799.00100	**100 ml**	**6,82**
14799.00250	**250 ml**	**14,51**
14799.00500	**500 ml**	**17,07**
14799.01000	**1.000 ml**	**31,67**
14799.02500	**2.500 ml**	**61,79**

Calibration solution pH 9.0

Lagerung: *15 … 25 °C*

Relevant Incredients:
- Buffer Solution (blue colour)

Calibration of pH measuring instruments

The pH 9.0 calibration solution is a chemically stable, blue colored buffer solution used in laboratories and medical fields to calibrate pH measuring instruments. It enables accurate measurements by stabilizing the pH at 9.0 and effectively resisting changes.

Order-No.:	Amount:	Price:
15794.01000	**1.000 ml**	**51,10**

Chloramine T 2,5 %, aqueous

Lagerung: *15 … 25 °C*

Relevant Incredients:
-
- Aqua dest. / pure water

Use as laboratory reagent

Chloramine T 2.5% aqueous is a solution of 32.05 g Chloramine T in 1000 ml distilled water. It is used in laboratory science, medical diagnostics and technology, especially as an oxidizing or disinfecting agent. It is used for inactivation of enzymes and sterilization of laboratory equipment.

Order-No.:	Amount:	Price:
14737.00100	**100 ml**	**8,98**
14737.00250	**250 ml**	**17,31**
14737.00500	**500 ml**	**25,36**
14737.01000	**1.000 ml**	**37,17**
14737.02500	**2.500 ml**	**74,54**
14737.05000	**5.000 ml**	**103,11**
14737.10000	**10.000 ml**	**198,43**

ZOK 27 - Gas Turbine Cleaning Agent (Conc.)

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Gas turbine cleaning

ZOK 27 is a special cleaning agent (concentrate) for the maintenance and cleaning of gas turbines. It removes stubborn deposits and improves the efficiency of the turbines. It is applied by applying a diluted solution, which allows the deposits to be dissolved and removed. ZOK 27 is important in power plant engineering and aerospace sectors.

Order-No.:	Amount:	Price:
14743.25000	**25.000 ml**	**332,77**

ZOK *mx* - Gas Turbine Cleaning Agent (Conc.)

Lagerung: *15 … 25 °C*

Relevant Incredients:
-

Gas turbine cleaning

ZOK mx is a specialized cleaning agent for gas turbines, characterized by adaptability to various deposits and contaminants. It is diluted with water before application and enables efficient cleaning of stubborn contaminants, unlike general cleaning agents such as ZOK 27.

Order-No.:	Amount:	Price:
14744.25000	**25.000 ml**	**447,09**