

Растворы для окрашивания

Технические характеристики

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ACETO CARMINE FOR MICROSCOPICAL STAINING

For microscopical staining., (Carmine Aceto Solution)

Product Code.	00024	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	38220090.00000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark red	Odour	Odorless
Density [g/cm3]	0.883	Solubility in water [% weight]	Miscible in water		

Packaging



Specification

Appearance	Dark red coloured solution
Suitability (for microscopy)	Passes test

Safety Information and Hazard Symbols



Symbol: GHS05
Signal Word: Danger
UN No.: 2790
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H314
Precaution Statement: P280-P305 + P351 + P338-P310

ACETO CARMINE SOLUTION AR

(Carmine Aceto Solution)

Product Code.	00025	Grade	AR
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	38220090.00000	Shelf Life	60 Month

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark Red	Odour	Odourless
Density [g/cm3]	0.883	Solubility in water [% weight]	Miscible in water		

Packaging



Specification

Appearance	Dark red coloured solution
Suitability (for microscopy)	Passes test

Safety Information and Hazard Symbols



Symbol: GHS05
Signal Word: Danger
UN No.: 2790
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H314
Precaution Statement: P280-P305 + P351 + P338-P310

ACETONE ALCOHOL DECOLORIZER 50% SOLUTION

For microscopy, bleacher, according to Gram

Product Code.	02912	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	2914.40000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Odour threshold	79.58 ppm
Melting point/ Freezing point [°C]	-103.68°C	Critical temperature [°C]	235°C	Auto-ignition temperature [°C]	363°C
Flammability (solid, gas)	Flammable	Flash point [°C]	-18°C	Initial boiling point [°C]	56.2°C
Final boiling point [°C]	67.1°C	Vapour pressure [20°C]	24 kPa	Vapour density	2.07
Density [g/cm3]	0.79	Relative density, gas (air=1)	1.8	Solubility in water [% weight]	Complete

Packaging

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Specification

Appearance	A clear colourless solution.
Alcohol (as methanol)	About 50.0%
Acetone (CH3.CO.CH3)	About 50.0%
Suitability (as a decolourizer)	Passes test

Safety Information and Hazard Symbols


Symbol: GHS02, GHS07 Signal Word: Danger UN No.: 1993 IMCO Class No.: 3 Packing Group: II Hazardous Statement: H225-H319-H336 Precaution Statement: P210-P261-P305 + P351 + P338

ALBERT STAIN A SOLUTION

Product Code.	00090	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark blue
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Packaging



Specification

Appearance	Dark blue solution.
Absorption maxima in water	About 617 nm

Safety Information and Hazard Symbols

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ALBERT STAIN B SOLUTION

Product Code.	00091	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark brown
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Packaging



Specification

Appearance	Dark brown solution.
Iodine content	0.67% ± 0.02%

Safety Information and Hazard Symbols

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ALCIAN BLUE SOLUTION FOR MICROSCOPY

Clear, permanent stain for mucin.

Product Code.	00096	Grade	For Microscopy
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.19790	Shelf Life	60 Months

Physical Properties

Packaging



Specification

Appearance	Bluish black solution
Absorption maxima in water	615 nm ±5nm
pH (at 25 °C)	about 2.5
Suitability (for microscopy)	Passes test

Safety Information and Hazard Symbols

BASIC FUCHSIN 0.1% W/V
(Aqueous Staining Solution); Gram’s Counter Stain

Product Code.	00353	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.13990	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Deep red	Odour	Odorless
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Packaging



Specification

Appearance	Deep red solution
Absorption maxima	About 552 nm

Safety Information and Hazard Symbols

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BORAX CARMINE (GRENACHER) ALCOHOLIC STAINING SOLUTION

Alcoholic staining solution.

Product Code.	00450	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Violet colour	Odour	Odorless
Flash point [°C]	27 °C	Density [g/cm3]	0.967	Solubility in water [% weight]	Soluble in water

Packaging



Specification

Appearance	Clear purple color solution
Absorption maxima	About 553 nm

Safety Information and Hazard Symbols

Symbol: GHS02, GHS05, GHS08 Signal Word: Warning UN No.: 1170 IMCO Class No.: 3 Packing Group: III Hazardous Statement: H226

BORAX CARMINE (GRENACHER) AQUEOUS STAINING SOLUTION

Aqueous staining solution

Product Code.	00451	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Violet colour	Odour	Odorless
Flash point [°C]	27 °C	Density [g/cm3]	0.967	Solubility in water [% weight]	Soluble in water

Packaging



Specification

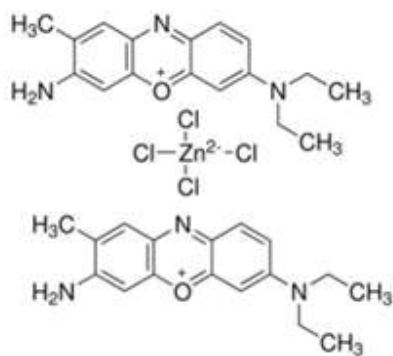
Appearance	Clear purple color solution
Absorption maxima	About 553 nm

Safety Information and Hazard Symbols

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BRILLIANT CRESYL BLUE SOLUTION (ALCOHOLIC)

Product Code.	00476	Grade	
Purity		CAS No.	81029-05-2
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Blue colour	Odour	Odorless
Flash point [°C]	15 °C	Boiling point [°C]	78 °C	Density [g/cm3]	0.808

Packaging



Specification

Appearance	Blue coloured solution
Absorption maxima	About 622 nm
Density (at 25°C)	About 0.808 g/mL
Suitability	Passes test

Safety Information and Hazard Symbols



Symbol: GHS02,GHS05

Signal Word: Danger

UN No.: 1170

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H225

Precaution Statement: P210

CARBOL FUCHSIN (STRONG) STAINING SOLUTION

According to Ziehl Neelsen

Product Code.	00681	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark red	pH value	4.4
Melting point/ Freezing point [°C]	-114.1°C	Critical temperature [°C]	243°C	Auto-ignition temperature [°C]	363°C
Flammability (solid, gas)	Flammable	Flash point [°C]	12.78°C	Boiling point [°C]	78.5°C
Vapour pressure [20°C]	2.61 kPa (@ 20°C)	Vapour density	1.59	Density [g/cm3]	0.98
Solubility in water [% weight]	Easily soluble in cold water	Explosion limits - upper [%]	19%	Explosion limits -lower [%]	3.30%

Packaging



Specification

Appearance	Pinkish violet colored solution
Absorption maxima	544 - 548 nm
UV absorbance (at I _{max} 1; 2000 dilution; 1 cm)	0.380 – 0.600
Suitability	Passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS05, GHS07, GHS08

Signal Word: Danger

UN No.: 2924

IMCO Class No.: 3,8

Packing Group: III

Hazardous Statement: H226-H314-H332-H341

Precaution Statement: P280-P305 + P351 + P338-P310

CARBOL FUCHSIN DILUTE STAINING SOLUTION (ZIEHL NEELSEN)

Ziehl Neelsen

Product Code.	00680	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark red	Melting point/ Freezing point [°C]	-114.1°C
Critical temperature [°C]	243°C	Auto-ignition temperature [°C]	363°C	Flammability (solid, gas)	Flammable
Flash point [°C]	12.78°C	Boiling point [°C]	78.5°C	Vapour pressure [20°C]	2.61 kPa (@ 20°C)
Vapour density	1.59	Density [g/cm3]	0.98	Solubility in water [% weight]	Easily soluble in cold water
Explosion limits - upper [%]	19%	Explosion limits -lower [%]	3.30%		

Packaging



Specification

Appearance	Dark red coloured solution
Absorption maxima	544 - 548 nm
UV absorbance (at lmax1; 200 dilution; 1 cm)	0.380 – 0.600
Suitability	Passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS05, GHS07, GHS08

Signal Word: Danger

UN No.: 2924

IMCO Class No.: 3,8

Packing Group: III

Hazardous Statement: H226-H314-H332-H341

Precaution Statement: P280-P305 + P351 + P338-P310

CARBOL FUCHSIN STRONG STAINING SOLUTION (ZIEHL NEELSEN)

Product Code.	00682	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3212.90900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark red	pH value	4.4
Melting point/ Freezing point [°C]	-114.1°C	Critical temperature [°C]	243°C	Auto-ignition temperature [°C]	363°C
Flammability (solid, gas)	Flammable	Flash point [°C]	12.78°C	Boiling point [°C]	78.5°C
Vapour pressure [20°C]	2.61 kPa (@ 20°C)	Vapour density	1.59	Density [g/cm3]	0.98
Solubility in water [% weight]	Easily soluble in cold water	Explosion limits - upper [%]	19%	Explosion limits -lower [%]	3.30%

Packaging



Specification

Appearance	Pinkish violet colored solution
Absorption maxima	544 - 548 nm
UV absorbance (at lmax1; 2000 dilution; 1 cm)	0.380 – 0.600
Suitability	Passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS08

Signal Word: Danger

UN No.: 1307

IMCO Class No.: 3

Packing Group: III

Hazardous Statement: H226-H304-H312 + H332-H315-H319-H335-H373-H412

Precaution Statement: P210-P260-P280-P301 + P310-P305 + P351 + P338-P370 + P378

Risk Statement: 10-20-24/25-34

Safety Statement: 26-36/37/39-45

CRYSTAL VIOLET STAINING SOLUTION FOR MICROSCOPY (GRAM'S STAINING SOLUTION)

(Crystal Violet Ammonium Oxalate Solution)

Product Code.	00901	Grade	
Purity		CAS No.	NA
Molecular Formula	C25H30CIN3	Molecular Weight	407.98
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Greenish	Odour	Slight characteristic odour
pH value	4.6	Flammability (solid, gas)	Flammable	Flash point [°C]	37.8°C

Packaging

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Specification

Appearance	Dark Violet colored solution
Absorption maxima	About 589 nm

Safety Information and Hazard Symbols


Symbol: GHS02, GHS07, GHS08 Signal Word: Warning UN No.: 1993 IMCO Class No.: 3 Packing Group: III Hazardous Statement: H226-H319-H351-H412 Precaution Statement: P273-P281-P305 + P351 + P338

EOSINE BLUE (2% W/V) (STAINING SOLUTION)

Product Code.	01115	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.90000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Orange	Boiling point [°C]	100 °C
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Packaging

Specification

Appearance	Orange colored solution
Absorption maxima	About 520 nm

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS08
Signal Word: Danger
UN No.: 1170
IMCO Class No.: 3
Packing Group: II
Hazardous Statement: H225-H302-H371
Precaution Statement: P210-P260

GENTIAN VIOLET (AQUEOUS) STAINING SOLUTION

Aqueous Staining solution

Product Code.	01273	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.13490	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark violet	Odour	Characteristic alcoholic odour
Odour threshold	5100 ppm	Melting point/ Freezing point [°C]	-110 °C	Auto-ignition temperature [°C]	385°C
Flammability (solid, gas)	Flammable	Flash point [°C]	12.5°C	Evaporation rate	1.9
Vapour pressure [20°C]	12.80 KPa @ 20°C	Vapour density	3	Density [g/cm3]	<1
Solubility in water [% weight]	Miscible in water	Partition coefficient Log Pow octanol / water at 20°C	Separates from oil.	Explosion limits - upper [%]	36.50%
Explosion limits -lower [%]	3.30%				

Packaging

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Specification

Appearance	Dark violet colored solution
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Safety Information and Hazard Symbols


Symbol: GHS02, GHS07, GHS08 Signal Word: Warning UN No.: 1230 IMCO Class No.: 3 Packing Group: II Hazardous Statement: H226-H319-H351-H412 Precaution Statement: P273-P281-P305 + P351 + P338

GENTIAN VIOLET ALCOHOLIC SOLUTION

Alcoholic Solution

Product Code.	01274	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.13490	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark violet solution	Odour	Odorless
Vapour pressure [20°C]	17.535 mm of Hg (@ 20°C)	Vapour pressure mm/Hg	17.535 mm of Hg (@ 20°C)	Vapour density	0.62
Density [g/cm3]	1	Solubility in water [% weight]	Soluble in water		

Packaging

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Specification

Appearance	Dark violet colored solution
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Safety Information and Hazard Symbols


Symbol: GHS07, GHS08 Signal Word: Warning UN No.: 3082 IMCO Class No.: 9 Packing Group: III Hazardous Statement: H319-H351-H412 Precaution Statement: P273-P281-P305 + P351 + P338

GRAM'S IODINE STAINING SOLUTION FOR MICROSCOPICAL STAINING

Product Code.	01303	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Reddish brown solution	Odour	Odorless
Density [g/cm3]	1.005 g/mL at 20 °C				

Packaging

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Specification

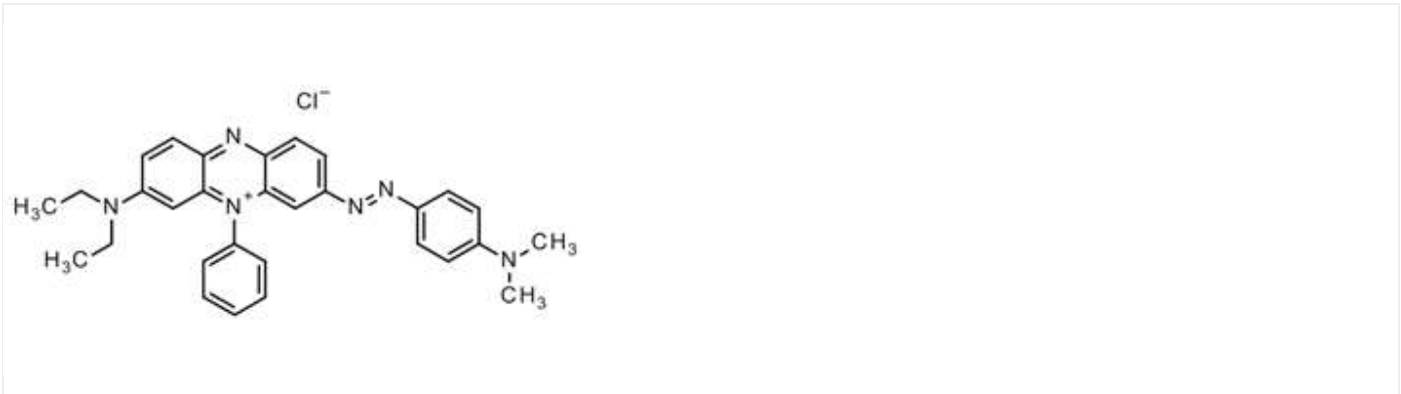
Appearance	Reddish brown colored solution
Suitability	Passes test

Safety Information and Hazard Symbols

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JANUS GREEN B SOLUTION

Product Code.	01483A	Grade	
Purity		CAS No.	2869-83-2
Molecular Formula	C30H31ClN6	Molecular Weight	511.07
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Packaging

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Specification

Appearance	Blue color solution
Absorption maxima, λmax1 (50% ethanol)	651 - 677 nm
Absorption maxima λmax2 (50% ethanol)	397 - 403 nm

Safety Information and Hazard Symbols

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LEISHMAN'S STAINING SOLUTION FOR MICROSCOPY

Powder Supplied Separately

Product Code.	01537	Grade	For Microscopy
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.19750	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Deep blue liquid	Odour	Alcoholic odour
Melting point/ Freezing point [°C]	-98°C	Flammability (solid, gas)	Flammable	Flash point [°C]	11°C
Boiling point [°C]	65 °C	Vapour pressure [20°C]	128 hPa@20 °C	Density [g/cm3]	0.8
Solubility in water [% weight]	Soluble in all proportions	Explosion limits - upper [%]	44%	Explosion limits -lower [%]	5.50%

Specification

Appearance	Blue colored solution
Absorption max.(MeOH)?1	640– 645 nm
Absorption max.(MeOH)?2	522– 525 nm
Absorbance A1 ?1 (diluted 1: 250 in methanol)	0.800 – 1.000
Absorbance A2 ?2 (diluted 1: 250 in methanol)	0.420 – 0.700
Suitability (for microscopy)	Passes test

Safety Information and Hazard Symbols


Symbol: GHS02, GHS06, GHS08 Signal Word: Danger UN No.: 1230 IMCO Class No.: 3,6.1 Packing Group: II Hazardous Statement: H225-H301 + H311 + H331-H370 Precaution Statement: P210-P240-P280-P302 + P352-P304 + P340- P308 + P310-P403 + P233

LIGHT GREEN SOLUTION 0.1%
C.I.No.42095 -

Product Code.	01541	Grade	
Purity		CAS No.	NA
Molecular Formula	C37H34N2Na2O9S3	Molecular Weight	792.86
H.S.Code	3204.90000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Green
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Packaging

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Specification

Appearance	Clear green color solution
Absorption maxima	629 - 634 nm

Safety Information and Hazard Symbols

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LUGOL'S IODINE SOLUTION FOR MICROSCOPY

Iodine - Potassium iodide solution

Product Code.	01569	Grade	For Microscopy
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Reddish brown solution
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Packaging

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Specification

Appearance	A reddish brown colored solution
Iodine content	0.8 - 1.0% w/v

Safety Information and Hazard Symbols

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METHYL GREEN STAINING SOLUTION (AQUEOUS)

Product Code.	01730	Grade	
Purity		CAS No.	NA
Molecular Formula	NA	Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Packaging

Specification

Appearance	Green to dark blue color solution
Absorption maxima	630 nm (+/-2 nm)
UV absorbance (0.1 mL to 100 mL in water)	0.3-0.6
Suitability (for staining)	Passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07

Signal Word: Warning

UN No.: 1170

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H225-H319

Precaution Statement: P210-P305 + P351 + P338-P370 + P378-P403 + P235

METHYL VIOLET STAINING SOLUTION

Product Code.	01750	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.13410	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Violet solution	Odour	Odorless
Flash point [°C]	37°C	Solubility in water [% weight]	Miscible with water		

Packaging

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Specification

Appearance	Violet coloured solution
pH transition range (pH 0.1 - 2.0)	Yellow - Blue

Safety Information and Hazard Symbols


Signal Word: Warning UN No.: 1993 IMCO Class No.: 3 Packing Group: III Hazardous Statement: H226-H319-H411 Precaution Statement: P273-P281-P305-+351+338

METHYLENE BLUE ALKALINE (LOFFLER'S) STAINING SOLUTION

LOFFLER'S staining solution

Product Code.	01722	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Blue.	Odour threshold	100 ppm
Melting point/ Freezing point [°C]	-114.1°C	Critical temperature [°C]	243°C	Auto-ignition temperature [°C]	363°C
Flammability (solid, gas)	Flammable	Flash point [°C]	12.78°C	Boiling point [°C]	78.5°C
Vapour pressure [20°C]	5.7 kPa (@ 20°C)	Vapour density	1.59	Density [g/cm3]	0.93
Solubility in water [% weight]	Soluble in water	Explosion limits - upper [%]	19%	Explosion limits -lower [%]	3.30%

Packaging

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Specification

Appearance	Dark blue coloured solution
Absorption maxima	About 660 nm
Suitability (for microscopy)	Passes test

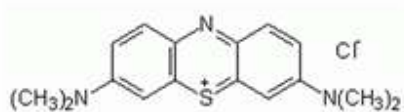
Safety Information and Hazard Symbols


Symbol: GHS02 Signal Word: Warning UN No.: 1993 IMCO Class No.: 3 Packing Group: III Hazardous Statement: H226

METHYLENE BLUE AQUEOUS STAINING SOLUTION

Staining solution.

Product Code.	01723	Grade	
Purity		CAS No.	61-73-4
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Blue coloured solution	Odour	Odorless
Flash point [°C]	29 °C	Density [g/cm ³]	1	Solubility in water [% weight]	Soluble in water

Specification

Appearance	Blue colored solution
Absorption maxima	About 660 nm
Suitability (for microscopy)	Passes test

Safety Information and Hazard Symbols



Symbol: GHS07
Signal Word: Warning
Hazardous Statement: H319
Precaution Statement: P305 + P351 + P338

METHYLENE BLUE SOLUTION 0.5% FOR MICROSCOPY

0.5% solution

Product Code.	01724	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Blue coloured solution	Odour	Odorless
Density [g/cm3]	1	Solubility in water [% weight]	Soluble in water		

Packaging

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Specification

Appearance	Dark blue coloured solution
Absorption maxima	About 663 nm
Suitability (for microscopy)	Passes test

Safety Information and Hazard Symbols

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MUCICARMINE (MAYER) STAINING SOLUTION

Product Code.	01773	Grade	
Purity		CAS No.	51395-97-2
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.90000	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Red	Odour	Odorless
Flash point [°C]	25 °C				

Packaging

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Specification

Appearance	Wine red coloured solution
Absorption maxima, λmax (in 50% methanol)	About 280 nm

Safety Information and Hazard Symbols


Symbol: GHS02 Signal Word: Danger UN No.: 1170 IMCO Class No.: 3 Packing Group: III Hazardous Statement: H226 Precaution Statement: P280-P305 + P351 + P338-P310

NEWMAN'S STAIN (MODIFIED)

For bacteria and bovine cell in milk.

Product Code.	01805	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.13490	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark blue solution	Odour	Odorless
Flash point [°C]	20 °C				

Packaging

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Specification

Appearance	Dark blue coloured solution
Absorption maxima in acetic acid	About 653 nm

Safety Information and Hazard Symbols


Symbol: GHS02, GHS05, GHS07, GHS08 Signal Word: Danger UN No.: 1170 IMCO Class No.: 3 Packing Group: II Hazardous Statement: H225-H302-H318-H351 Precaution Statement: P210-P280-P305 + P351 + P338

NIGROSINE STAIN 10% W/V
For negative staining.

Product Code.	01828	Grade	
Purity		CAS No.	3/6/8005
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.13990	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Violet coloured solution	Odour	Odorless
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Packaging

Specification

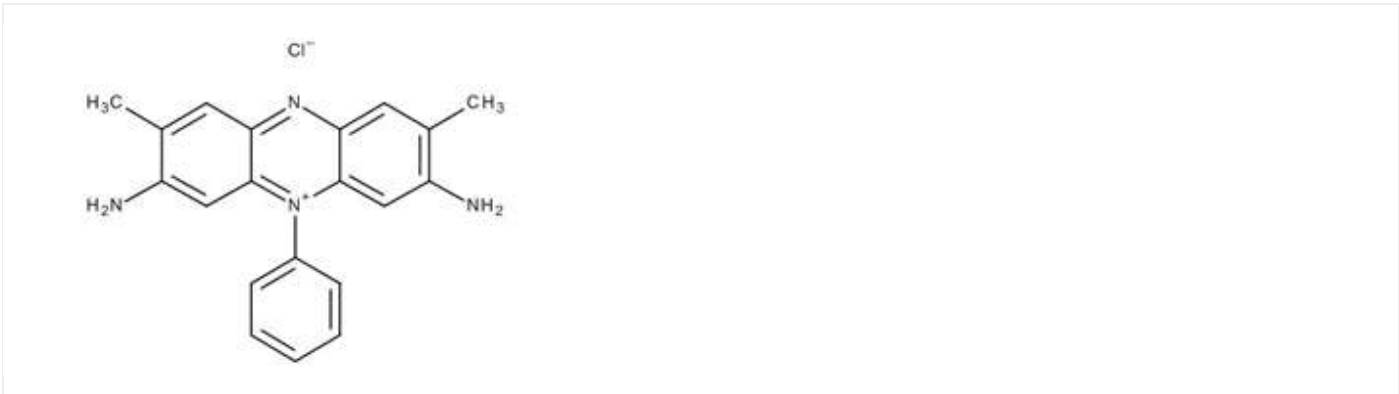
Appearance	Violet colored solution
Absorption maxima	570 - 580 nm

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Hazardous Statement: H317 Precaution Statement: P280

SAFRANIN SOLUTION (GRAMS)

Product Code.	02273	Grade	
Purity		CAS No.	477-73-6
Molecular Formula	C20H19ClN4	Molecular Weight	350.84
H.S.Code	3204.13100	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark red solution	Boiling point [°C]	95°C
Vapour pressure [20°C]	40 mm Hg @ 20 °C	Vapour pressure mm/Hg	40 mm Hg @ 20 °C	Vapour density	1.59
Density [g/cm3]	1	Solubility in water [% weight]	Soluble in water		

Packaging

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Specification

Appearance	Dark red colored solution
Absorption maxima (50% ethanol)	530 - 534 nm
Suitability (for the staining)	Passes test

Safety Information and Hazard Symbols

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SHORR'S STAINING SOLUTION

For hormonal cytodiagnosis

Product Code.	02298	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.90000	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark brown	Odour	Alcoholic odour
Auto-ignition temperature [°C]	425 °C	Flammability (solid, gas)	Flammable	Flash point [°C]	19 °C
Density [g/cm3]	0.935	Solubility in water [% weight]	Soluble		

Packaging

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Specification

Appearance	Dark brown coloured solution
Suitability (for microscopy)	Passes test

Safety Information and Hazard Symbols


Symbol: GHS02, GHS07 Signal Word: Danger UN No.: 1993 IMCO Class No.: 3 Packing Group: III Hazardous Statement: H225-H319-H336 Precaution Statement: P210-P261-P305 + P351 + P338

SUDAN IV STAINING SOLUTION (FAT STAIN)

(Fat stain) ; stain solution (scarlet red solution)

Product Code.	02585	Grade	
Purity		CAS No.	
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Packaging

Specification

Appearance	Red color solution
Absorption maxima	513 - 515 nm
Absorbance at ? max	0.15 - 0.18
Suitability (as fat stain)	Passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07

Signal Word: Danger

UN No.: 1219

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H225-H319-H336

Precaution Statement: P210-P261-P305 + P351 + P338

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