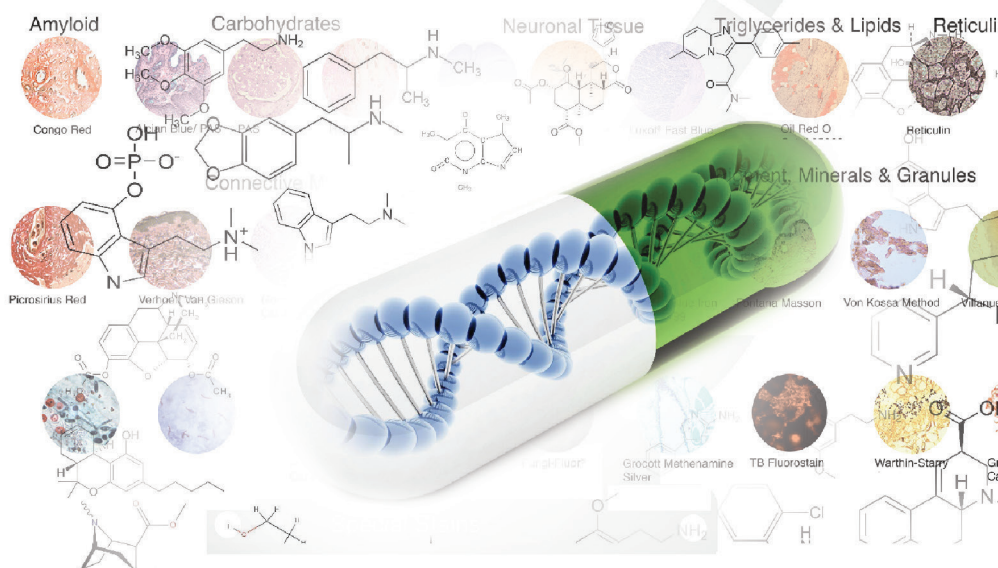




Neutron[®]
Pharmaceutical Co.

HISTOLOGY, BIOCHEMICAL & CLINICAL LABORATORY REAGENT



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Bees wax yellow

Histology Laboratory Reagent

Specification

Description	Conforms	
Solubility	Conforms	
Specific gravity	~ 0.960	g/cm ³
Drop point	61.0 – 66.0	°C
Acid value	17.0 – 22.0	
Ester value	70.0 – 80.0	
Saponification value	87.0 – 102.0	
Ceresin, paraffin & certain other waxes	Conforms	
Glycerol & other polyols	≤ 0.5	%

Glass Bottles	Plastic Container	Plastic Container
5 gr	100 gr	1 kg
10 gr	500 gr	5 kg
25 gr	800 gr	10 kg

Product code: 1.1060.

Technical Information

Density:	~ 0.95 g/cm (20 °C)
CAS number:	8012-89-3
HS code:	15219099
EC number:	232-383-7
Storage (temperature):	Store at +15 °C to +25 °C
SDS	available
Odour:	characteristic
Form:	solid
Color:	yellowish
Solubility in water:	insoluble
Flash point:	~ 265 °C
Melting point:	~ 64 °C
Thermal decomposition:	> 200 °C
Viscosity dynamical:	~ 17 mPa*s (80 °C)

Citrate Buffer pH=6

(20 x IHC Citrate)

Histology, Biochemical & Clinical Laboratory

Antigen retriever

Specification

Turbidity	Conforms	
Appearance	Conforms	
Color	Conforms	
p H	5.5 - 6.5	
Performance test	Conforms	
Heavy metals	≤ 5.0	ppm

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.3380.

Technical Information

Density	1.1 g/cm ³ (20°C)
Storage	at +2 °C to +8 °C
SDS	available
Odour	odourless
Form	liquid
Color	colorless
Solubility in water	soluble (20°C)



Crystal violet Solution 1%

Histology, Biochemical & Clinical Laboratory

C25H30ClN3

M = 407.99 g/mol

1 lit= 0.99 g/cm³

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
performance test	Conforms

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.3520.

Technical Information

Formula	C25H30ClN3
Density	0.99 g/cm ³ (20 °C)
Molar mass	407.99 g/mol
Bulk density	~ 220 - 400 kg/m ³
CAS number	548-62-9
EC index number	612-204-00-2
HS Code	32041900
EC number	208-953-6
Storage	Storage at 15 to 30°C
SDS	available
RTECS	BO9000000
R phrase	R 45-E22-41-50/53-68
S phrase	S 53-26-36/37/39-49-60
Odour	odourless
Form	Liquid
Color	violet
Solubility in water	~ 16 g/l (25°C)
Solubility in ethanol	soluble(20°C)



Decalsification Solution

Histology, Biochemical & Clinical Laboratory

Specification

Assay	19.0 - 20.0	%
Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Density	~ 1.081	g/cm ³
Application test	Conforms	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.2630.

Technical Information

Density	~ 1.081 g/cm ³ (20°C)
HS Code	38249099
Storage	+15 to +25 °C
SDS	available
Odour	odourless
Form	liquid
Color	colourless
Solubility in water	soluble(20 °C)



Eosin Y solution 0.5% aqueous for microscopy & titration indicator

Histology Biochemical & Clinical Laboratory

1lit= 1.00 g/cm³

Specification

Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Density	~ 1.00	g/cm ³
Application test	Conforms	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.2820.

Technical Information

Density	1.00 g/cm ³ (20°C)
HS Code	32041200
Storage	+15 to +25 °C
SDS	available
Odour	odourless
Form	liquid
Color	dark red



Eosin Y solution 0.5% alcoholic for microscopy & titration indicator

Histology, Biochemical & Clinical Laboratory

1lit= 0.82 g/cm³

Specification

Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Density	~ 0.82	g/cm ³
Application test	Conforms	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.3500.

Technical Information

Density	0.82 g/cm ³ (20°C)
HS Code	32041200
Storage	+15 to +25 °C
SDS	available
Odour	odourless
Form	liquid
Color	dark green





Fehling Solution A

for sugar test

Biochemical , Clinical Laboratory

1lit= 1.04 g/cm³

Specification

Assay	17.5 - 17.7	g/l
Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Density	1.038 - 1.060	g/cm ³
Application test	Conforms	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Fehling Solution B

for sugar test

Biochemical , Clinical Laboratory

1lit= 1.24 g/cm³

Specification

Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Density	1.23 - 1.25	g/cm ³
Application test	Conforms	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.2770.

Technical Information

Density	~ 1.04 g/cm ³ (20°C)
CAS number	7758-98-7
HS Code	H410
S Phrase	S 273-501
RIDADR	UN 3082 9 / PGII

Product code: 1.2780.

Technical Information

Density	~ 1.24 g/cm ³ (20°C)
HS Code	H290 -H314
S Phrase	S 280 -303 -361-353-304
RIDADR	UN 1824 8 / PGII



Neutral Buffered Formalin 10% Fixative

Histology Laboratory reagent

CH₂O

M= 30.03 g/mol

Specification

Assay (as formalin)	~	10	%
Description		Conforms	
Identification		Conforms	
Solubility		Conforms	
Specific gravity	~	1.017	
Methanol	~	1.0	%
pH	~	7.0	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	1 Liter	5 Liter
2.5 Liter	2.5 Liter	10 Liter
		20 Liter

Product code: 1.3300.

Technical Information

Formula	CH ₂ O
Chemical formula	CH ₂ O
Density	~ 1.017 g/cm ³ (20°C)
Molar mass	30.03 g/mol
CAS number	6965-83-3
HS Code	38249099
Storage	+15 to +25 °C
SDS	available
R phrase	R 40-43
S phrase	S 36/37
Odour	characteristic
Form	liquid
Color	colourless
pH	7.0
Solubility in water	soluble (20°C)
Boiling point	~100 °C



Giemsa's stain

Histology, Biochemical & Clinical Laboratory

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Appearance of solution	Clear
Colour	Faint Blue to Dark blue
p H	6.75 - 6.95
Application test	Conforms

Glass Bottles	Plastic Container	Plastic Container
5 gr ●	100 gr	1 kg
10 gr ●	500 gr	5 kg
25 gr ●	800 gr	10 kg

Product code: 1.2600.

Technical Information

CAS No	67-56-1
HS Code	225-301-311
Storage	at 15 to 25 °C
SDS	available
EC No	200-659-6
Flash point	11 °C

Giemsa's stain solution for microscopy

Histology, Biochemical & Clinical Laboratory

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Appearance of solution	Conforms
Colour	Conforms
performance test	Conforms

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL ●	5 Liter
2.5 Liter	500 mL ●	10 Liter
	1000 mL	20 Liter

Product code: 1.3530.

Technical Information

Density	0.99 g/cm ³ (20°C)
HS Code	32041900
Storage	+15 to +25 °C
SDS	available
R phrase	R 11-23/24/25-39/23/24/25
S phrase	S 7-16-36/37-45
Odour	of methanol
Form	liquid
Color	blue - violet
Solubility in water	soluble (20°C)
Boiling point	>65 °C



Hayem' s reagent for erythrocyte counts

Histology, Biochemical & Clinical Laboratory

1lit= 1.01 g/cm³

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Density	~ 1.01 g/cm ³
Application test	Conforms

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL ●	5 Liter
2.5 Liter	500 mL ●	10 Liter
	1000 mL	20 Liter

Product code: 1.2860.

Technical Information

Density	~ 1.01 g/cm ³ (20°C)
HS Code	38220000
Storage	15 to 25 °C
SDS	available
R phrase	R 22
Odour	almost odourless
Form	liquid
Color	colourless
Solubility in water	soluble(20 °C)





Hematoxyline for microscopy (C.I. 75290)

Product code: 1.2620.

Histology, Biochemical, Clinical Laboratory

C16H14O6

M= 302.29 g/mol

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Application test	Conforms

Glass Bottles	Plastic Container	Plastic Gallon
5 gr ●	100 gr	1 kg
10 gr ●	500 gr	5 kg
25 gr ●	800 gr	10 kg

Technical Information

Formula	C16H14O6
Molar mass	302.29 g/mol
Bulk density	~ 500 kg/m ³
CAS number	517-28-2
HS Code	32030010
EC number	208-237-3
Storage	at 15 to 30°C
SDS	available
Odour	odourless
Form	solid
Color	brownish
Solubility in water	slightly soluble
Melting point	291 - 293 °C
Thermal decomposition	240°C

Hematoxyline's stain solution

Modified harris for microscopy

Histology, Biochemical, Clinical Laboratory

C16H14O6

lit = 1.07 g/cm³

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Application test	Conforms

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL ●	5 Liter
2.5 Liter	500 mL ●	10 Liter
	1000 mL ●	20 Liter

Product code: 1.3340.

Technical Information

Formula	C16H14O6
Density	1.07 g/cm ³
HS Code	32030010
Storage	at 15 to 25 °C
SDS	available
Odour	characteristic odour
Form	liquid
Color	red - violet
Solubility in water	soluble(20 °C)



Immersion oil for microscopy

Histology, Biochemical , Clinical Laboratory

refractive Index = 1.45

1lit= 1.02 g/cm³

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Density	~ 1.02 g/cm ³
Application test	Conforms

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL ●	5 Liter
2.5 Liter	500 mL ●	10 Liter
	1000 mL ●	20 Liter

Product code: 1.2870.

Technical Information

Density	1.02 g/cm ³
HS Code	38249099
Storage	15 to 25°C
SDXS	available
R phrase	R 22
S phrase	S 25
Odour	characteristic
Form	liquid
Color	light yellow
Solubility in water	almost insoluble
Viscosity dynamical	100-120 mPa*s

Lugol's solution

Histology, Biochemical and Clinical Laboratory

(stock solution, dilute 5:1 before use)

Specification

Description	Conforms
Solubility	Conforms
Identification	Conforms
PH	~ 3.5

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	1 Liter	5 Liter
2.5 Liter	2.5 Liter	10 Liter
		20 Liter

Product code: 1.2330.

Technical Information

Density	1.01 g/cm ³ (20 °C)
HS code	38220000
Storage	+15OC to + 25°C
SDS	available
Odour	slightly pungent
Form	Liquid
Color	brown
pH value	3.5 (20°C)
Solubility in Water	(20 °C) Soluble
Boiling point	100 °C



Methylene blue solution 0.1% for microscopy

Histology, Biochemical and Clinical Laboratory

1lit= 0.99 g/cm³

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Density	~ 0.99 g/cm ³
Application test	Conforms

Glass Bottles	Plastic container	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.2830.

Technical Information

Density	0.99 g/cm ³ (20°C)
HS Code	32041300
Storage	15 to 25 °C
SDS	available
R phrase	R 10
Odour	odourless
Form	liquid
Color	blue
Solubility in water	soluble(20°C)
Flash point	40°C
boiling point	100 °C

Methylene blue solution 1% for microscopy

Histology, Biochemical and Clinical Laboratory

1lit= 0.97 g/cm³

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Density	~ 0.97 g/cm ³
Application test	Conforms

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.2840.

Technical Information

Density	0.97 g/cm ³ (20°C)
HS Code	32041300
Storage	Storage at 15 to 25 °C
SDS	available
R phrase	R 10
Odour	odourless
Form	liquid
Color	blue
Solubility in water	soluble(20 °C)
Flash point	40 °C
boiling point	100 °C



Paraffin granulated

Histology Laboratory Reagent

solidification point 56-58 °C

Specification

Description	Conforms	
Solubility	Conforms	
Identification	Conforms	
Solidification point	56.0 – 58.0	°C
Congeaing range	56.0 – 58.0	°C
Acidity	≤ 1.0	ml
Alkalinity	≤ 0.5	ml

Glass Bottles	Plastic Container	Plastic Container
5 gr	100 gr	1 kg
10 gr	500 gr	5 kg
25 gr	800 gr	10 kg

Product code: 1.1340.

Technical Information

Density:	~ 0.90 g/cm ³ (20 °C)
Bulk density:	~ 400 - 500 kg/m ³
CAS number:	8002-74-2
HS code:	27122090
EC number:	232-315-6
Storage (temperature):	Store at +5 °C to +30 °C
SDS	available
Odour:	almost odourless
Form:	solid
Color:	colourless to white
Ignition temperature:	> 300 °C
Solubility in water:	(20 °C) insoluble
Flash point:	~ 240 °C
Boiling point:	> 350 °C
Melting point:	56 - 58 °C

Papinicolaou's Solution EA 50

Histology, Biochemical Clinical Laboratory

1lit= 0.82 g/cm³

Specification

Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Density	~ 0.82	g/cm ³
Application test	Conforms	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.2800.

Technical Information

Density	0.82 g/cm ³ (20°C)
HS Code	32041900
Storage	15 to 25 °C
SDS	available
R phrase	R 11-20/21/22-39/23
S phrase	S 7-16-36/37- 45
Odour	alcoholic
Form	liquid
Color	green - purpule
Solubility in water	soluble(20 °C)
Flash point	17 °C



Papinicolaou's Solution OG 6

Histology, Biochemical, Clinical Laboratory

1lit= 0.83 g/cm³

Specification

Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Density	~ 0.89	g/cm ³
Application test	Conforms	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.2790.

Technical Information

Density	0.83 g/cm ³ (20°C)
HS Code	32041200
Storage	15 to 25 °C
SDS	available
R phrase	R 11
S phrase	S 7-16
Odour	of ethanol
Form	liquid
Color	orange
Solubility in water	soluble(20 °C)
Flash point	14 °C



Phosphate Buffered Saline 10X (10X*IHC PBS)

Biochemical , Clinical Laboratory

Specification

Turbidity	Conforms	
Appearance	Conforms	
Color	Conforms	
p H	7.0 - 7.8	
Performance test	Conforms	
Heavy metals	~ 5.0	ppm

Glass Bottles	Plastic Bottles	Plastic Gallon
5 gr	250 mL ●	1 kg
10 gr	500 mL ●	5 kg
25 gr	1000 mL ●	10 kg

Product code: 1.3370.

Technical Information

Density	1.1 g/cm ³ (20°C)
Storage	With out limitation
SDS	available
Odour	odourless
Form	liquid
Color	colorless
Solubility in water	soluble (20°C)

Phenolphthalein Solution 1% in ethanol

Histology, Biochemical & Clinical Laboratory

1lit= 0.89 g/cm³

Specification

Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Density	~ 0.89	g/cm ³
Application test	Conforms	

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	250 mL ●	5 Liter
2.5 Liter	500 mL ●	10 Liter
	1000 mL ●	20 Liter

Product code: 1.2850.

Technical Information

Density	0.89 g/cm ³ (20 °C)
HS Code	32220000
Storage	at 15 to 25 °C
SDS	available
R phrase	R 10
Odour	of ethanol
Form	liquid
Color	colourless
Solubility in water	soluble(20 °C)
Flash point	23 °C
Ignation temperature	~ 425 °C

Safranin O for microscopy (C.I. 50240)

Histology, Biochemical & Clinical Laboratory

C20H19CIN4
M = 350.88 g/mol

Specification

Description	Conforms	
Identification	Conforms	
Solubility	Conforms	
Application test	Conforms	
p H	~ 10	

Glass Bottles	Plastic Container	Plastic Container
5 gr ●	100 gr	1 kg
10 gr ●	500 gr	5 kg
25 gr ●	800 gr	10 kg

Product code: 1.2610.

Technical Information

Formula	C20H19CIN4
Molar mass	350.88 g/mol
Bulk density	~ 400 kg/m ³
CAS number	477-73-6
HS Code	32041300
EC number	207-518-8
Storage	Storage at 15 to 30 °C
SDS	available
RTECS	SG1623000
Odour	odourless
Form	solid
Color	reddish - brown
Solubility in water	50 g/l (20 °C)
p H value	~ 10 (10 g/l 20 °C)





Wright's stain

Histology, Biochemical, Clinical Laboratory

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Appearance of solution	Clear
Colour	Dark green
pH	6.75 - 6.95
Application test	Conforms

Glass Bottles	Plastic Container	Plastic Container
5 gr	100 gr	1 kg
10 gr	500 gr	5 kg
25 gr	800 gr	10 kg

Product code: 1.2590.

Technical Information

HS Code	32041900
Storage	at +15 to 30 °C
SDS	available
RS	H225/H301
Ignition temperature	455 °C



Wright's stain sloution for microscopy

Histology, Biochemical, Clinical Laboratory

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
Appearance of solution	Clear
Colour	Dark green
pH	6.75 - 6.95
Application test	Conforms

Glass Bottles	Plastic Container	Plastic Container
1 Liter	250 mL	5 Liter
2.5 Liter	500 mL	10 Liter
	1000 mL	20 Liter

Product code: 1.3530.

Technical Information

Density	0.80 g/cm ³ (20°C)
HS Code	32041900
Storage	+15 to +25 °C
SDS	available
R phrase	R 11-23/24/25-39/23/24/25
S phrase	S 7-16-36/37-45
Odour	of methanol
Form	liquid
Color	blue
Solubility in water	soluble (20°C)
Boiling point	>65 °C



Xylene for Histology

Histology Laboratory Reagent

C8H10

M= 106.2 g/mol

1lit= 0.86 g/cm³

Specification

Assay (as C8H10)	≥	98.0	%
Solubility		Conforms	
Appearance & Color		Conforms	
Identification		Conforms	
Specific gravity		0.862 – 0.864	g/cm ³
Acidity or alkalinity	≤	0.45	ml
Benzene	≤	0.01	%
Toluene	≤	0.01	%
Evaporation residue	≤	0.002	%
Water	≤	0.05	%

Glass Bottles	Plastic Bottles	Plastic Gallon
1 Liter	1 Liter	5 Liter
2.5 Liter	2.5 Liter	10 Liter
		20 Liter

Product code: 1.1570.

Technical Information

Formula:	C8H10
Chemical formula:	C6H4(CH3)2
Density:	0.86 g/cm ³ (20 °C)
Molar mass:	106.17 g/mol
CAS number:	1330-20-7
EC index number:	601-022-00-9
HS code:	29024400
EC number:	215-535-7
Storage (temperature):	Without limitations.
SDS	available
RTECS:	ZE2100000
R phrase:	R 10-20/21-38
S phrase:	S 25
Odour:	aromatic
Form:	liquid
Color:	colourless
Explosion limit:	1.0 - 7.0 Vol %
Ignition temperature:	~ 465 °C (DIN 51794)
Solubility in water:	0.2 g/l (20 °C)
Solubility in ethanol:	(20 °C) soluble
Flash point:	25 °C (c.c.)
Boiling point:	137 - 143 °C
Melting point:	> -34 °C
Vapour pressure:	10 hPa (20 °C)

