

линические диа ностические реа ент

Технические характеристики

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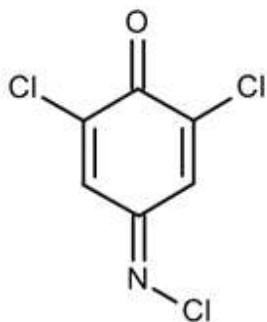
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2,6-DICHLOROQUINONE- 4-CHLORIMIDE 98% AR

Reagent for the identification of unsubstitued & p-Alkoxy phenols. Gibb's Reagent

Product Code.	00976	Grade	
Purity	98%	CAS No.	101-38-2
Molecular Formula	C6H2Cl3NO	Molecular Weight	210.45
H.S.Code	2925.29900	Shelf Life	60 Months



Specification

Appearance	Brownish yellow coloured crystalline powder.
Assay	Min 98%
Specific absorptivity A1% 1cm (at 312 nm; 0.001% ethanol)	Min 800
Melting point	65 - 68°C

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07

Signal Word: Danger

UN No.: 3224

IMCO Class No.: 4.1

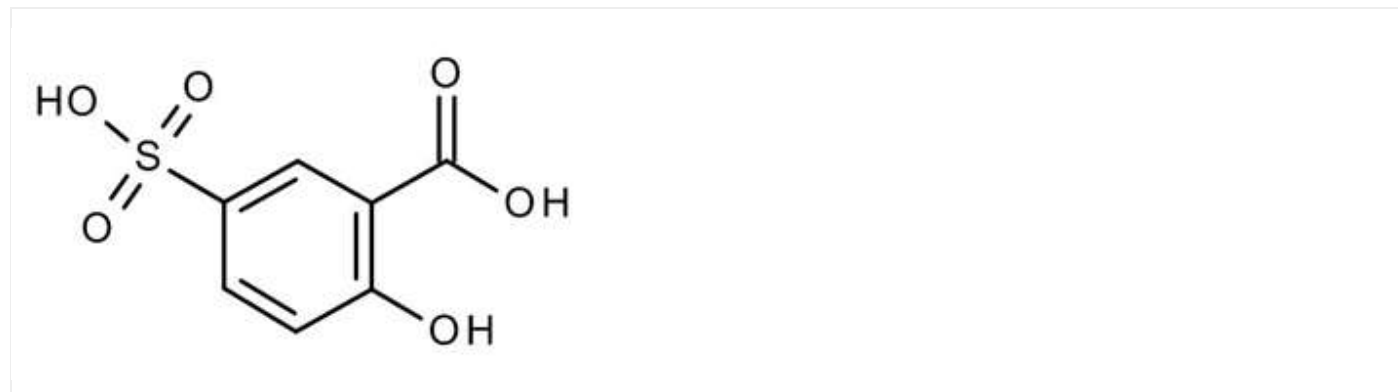
Hazardous Statement: H242-H315-H319-H335

Precaution Statement: P261-P305 + P351 + P338

5-SULPHOSALICYLIC ACID 20% SOLUTION

For detection of protein in urine.

Product Code.	02596	Grade	
Purity		CAS No.	5965-83-3
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Odour	Odorless
Boiling point [°C]	100 °C	Vapour pressure [20°C]	2.3 kPa (@ 20°C)	Vapour density	0.62
Density [g/cm ³]	1	Solubility in water [% weight]	Soluble in water		

Specification

Appearance	Colourless to pale pink clear liquid
Assay	Min 20%
Sensitivity test for iron	Passes test

Safety Information and Hazard Symbols

Symbol: GHS05, GHS07 Signal Word: Danger Hazardous Statement: H302-H314 Precaution Statement: P280-P305 + P351 + P338-P310

ALKALINE COPPER TARTRATE (FOLIN & WU'S ALKALINE COPPER SOLUTION)

(FOLIN & WUS ALKALINE COPPER SOLUTION)

Product Code.	00104	Grade	
Purity		CAS No.	
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 solution	Odour	Odorless
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Packaging



Specification

Appearance	Clear blue coloured solution
Sensitivity	Passes test

Safety Information and Hazard Symbols

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BARFOED'S REAGENT

Used for detecting the presence of monosaccharides in Barfoed's test Glucose Test Solution

Product Code.	00329	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	24 Months

Physical Properties


Packaging



Specification

Appearance	Blue-green liquid
Suitability (for detecting the presence of monosaccharide)	Passes test

Safety Information and Hazard Symbols


Symbol: GHS07 Risk Statement: 22

BENEDICT'S REAGENT (QUALITATIVE)

For detection of sugar in urine.

Product Code.	00362	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	Odorless
Boiling point [°C]	110-120°C	Initial boiling point [°C]	110°C	Final boiling point [°C]	120°C
Evaporation rate	>1	Vapour pressure [20°C]	14 mm Hg at 20°C	Vapour pressure mm/Hg	14 mm Hg at 200C
Vapour density	0.7	Density [g/cm3]	1.145	Solubility in water [% weight]	Soluble in water


Packaging



Specification

Appearance	Clear, blue colored solution
Sensitivity	Passes test

Safety Information and Hazard Symbols


Symbol: GHS07, GHS09 Signal Word: Warning UN No.: 3082 IMCO Class No.: 9 Packing Group: III Hazardous Statement: H319-H411 Precaution Statement: P273-P305 + P351 + P338

BENEDICT'S REAGENT (QUANTITATIVE)

For determination of sugar in urine 25ml=0.05g glucose (This solution is not intended for qualitative testing)

Product Code.	00363	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 colour	pH value	2.3 kPa (@ 20°C)
Vapour pressure [20°C]	2.3 kPa (@ 20°C)	Vapour density	0.62	Density [g/cm3]	1.11
Solubility in water [% weight]	Soluble in water				


Packaging



Specification

Appearance	Clear, blue colored solution
Glucose estimation	25 ml = 0.05 g glucose

Safety Information and Hazard Symbols


Symbol: GHS09 Signal Word: Warning UN No.: 3082 IMCO Class No.: 9 Hazardous Statement: H319-H331-H410 Precaution Statement: P261-P273-P305+P351+P338-P311-P501

BIAL'S REAGENT (SUMNER)

For detection of pentoses and glucuronic acid.

Product Code.	00410	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	24 Months

Physical Properties


Packaging



Specification

Appearance	Clear yellow to pale brown color solution
Suitability (for detection of Pentoses and glucuronic acid)	Passes test

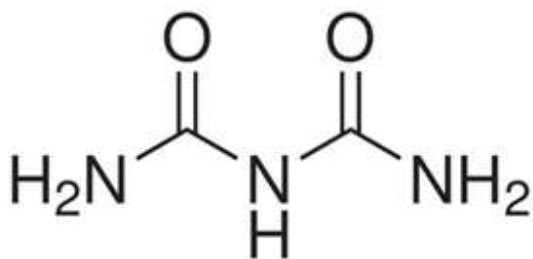
Safety Information and Hazard Symbols


Symbol: GHS02; GHS05; GHS06 Signal Word: Danger UN No.: 2920 IMCO Class No.: 8,3 Packing Group: II Hazardous Statement: H226-H302-H314-H331 Precaution Statement: P210-P280-P303 + P361 + P353-P304 + P340 + P310-P305 + P351 + P338-P403 + P233 Risk Statement: 34 Safety Statement: 26-27-36/37/39-45

BIURET REAGENT

Used in the biuret protein assay, a colorimetric test used to determine protein concentration by UV/VIS spectroscopy at wavelength 565 nm.

Product Code.	00442	Grade	
Purity		CAS No.	108-19-0
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
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Packaging



Specification

Description	Blue coloured solution
Sensitivity	Passes test

Safety Information and Hazard Symbols



Symbol: GHS05

Hazardous Statement: H314, H412

Precaution Statement: P261-P305 + P351 + P338

BRADY'S REAGENT

It is used to qualitatively detect the carbonyl functionality of a ketone or aldehyde functional group.
Liquid, d. 1.06 Solution

Product Code.	00468	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties


Packaging



Specification

Appearance	Orange to red coloured solution
Suitability (for detection of aldehydes & ketones)	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-H315-H319-H331-H370 Precaution Statement: P210-P260-P280-P301 + P310-P305 + P351 + P338-P311 Risk Statement: 11-23/24/25-36/38-39/23/24/25 Safety Statement: 16-26-36/37-45

CHLORINE WATER

(Concentrated Solution)

Product Code.	00743	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Colorless	Odour	Unpleasant
pH value	1.734	Boiling point [°C]	100°C	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

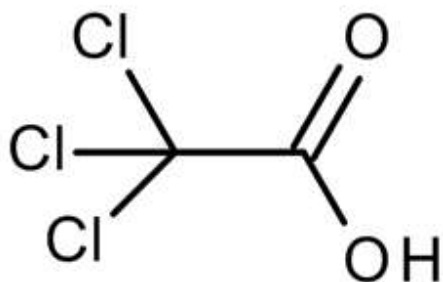
Appearance	Pale yellow coloured liquid
Assay	0.2 - 0.4%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Warning UN No.: 1760 IMCO Class No.: 8 Packing Group: II Risk Statement: 36 Safety Statement: 16/26/28a

CHLORO ACETIC ACID (TRI) 98% EXTRA PURE

Product Code.	00746	Grade	Extra Pure
Purity	98%	CAS No.	76-03-9
Molecular Formula	Cl ₃ C.CooH	Molecular Weight	163.39
H.S.Code	2915.40300	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	Colorless crystals	pH value	1
Melting point/ Freezing point [°C]	54 - 58 °C	Flash point [°C]	> 113 °C	Boiling point [°C]	196 °C
Vapour density	5.64	Density [g/cm ³]	1.6	Solubility in water [% weight]	Soluble in water
Partition coefficient Log Pow octanol / water at 20°C	1.645				

Packaging

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Specification

Appearance	Colourless deliquescent crystals with a pungent odour
Assay (alkalimetric)	Min 98.0%
Melting point	55.5 - 58.0°C
Sulphated ash	Max 0.02%
Chloride (Cl)	Max 0.02%

Sulphate (SO₄)

Max 0.02%

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07, GHS09

Signal Word: Danger

UN No.: 2564

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H314-H335-H410

Precaution Statement: P261-P273-P280-P305 + P351 + P338-P310-P501

DIAZO REAGENT A FOR BILIRUBIN DETERMINATION. THE VANDEN BERGH'S

The Vanden Bergh's test for Bilirubin determination

Product Code.	00952	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 colorless	Odour	Odorless
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Packaging

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Specification

Appearance	A clear colourless liquid
Suitability	Passes test

Safety Information and Hazard Symbols

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DIAZO REAGENT B FOR BILIRUBIN DETERMINATION. THE VANDEN BERGH'S

The Vanden Bergh's test for Bilirubin determination

Product Code.	00953	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 colorless	Odour	Odorless
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Packaging

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Specification

Appearance	A clear colourless pale yellow liquid
Suitability	Passes test

Safety Information and Hazard Symbols

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DRABKIN'S SOLUTION (DILUENT)

When it becomes trucid it should be discarded. Hametology reagent.

Product Code.	01096	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	Yellow Solution
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Packaging

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Specification

Appearance	Yellow solution
Suitability	Passes test

Safety Information and Hazard Symbols


Symbol: GHS06, GHS09 Signal Word: Danger UN No.: 1588 IMCO Class No.: 6.1 Packing Group: III Hazardous Statement: H301-H310-H332-H410 Precaution Statement: P273-P280-P301 + P310-P302 + P350-P310-P501

DRAGENDORFF'S REAGENT

Test reagent for alkaloids.

Product Code.	01097	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	Brownish yellow	Odour	Odorless
Flash point [°C]	7 °C	Boiling point [°C]	77 °C	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]	1.02
Solubility in water [% weight]	Soluble in water				


Packaging

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Specification

Appearance	Clear colorless to pale yellow color solution
Sensitivity for alkaloids	Passes test

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 2031 IMCO Class No.: 8 Packing Group: II Hazardous Statement: H314 Precaution Statement: P280 -P305 + P351 + P338 + P310

EHRlich'S A REAGENT FOR DIAZO-REACTION FOR DETERMINATION OF BILIRUBIN IN SERUM & URINE

For Diazo-Reaction For Determination of Bilirubin In Serum & Urine

Product Code.	01112	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Flash point [°C]	164 °C
Boiling point [°C]	176 °C	Solubility in water [% weight]	Miscible in water		


Packaging

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Specification

Appearance	A clear colorless solution
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Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning UN No.: 1789 IMCO Class No.: 8 Packing Group: II Hazardous Statement: H315-H319-H335 Precaution Statement: P261-P305 + P351 + P338

EHRlich'S B REAGENT FOR DIAZO-REACTION FOR DETERMINATION OF BILIRUBIN IN SERUM & IN URINE

For Diazo-Reaction For Determination of Bilirubin In Serum & Urine

Product Code.	01113	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Flash point [°C]	164 °C
Boiling point [°C]	176 °C	Solubility in water [% weight]	Miscible in water		

Packaging

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Specification

Appearance	A clear colorless solution
Suitability	Passes test

Safety Information and Hazard Symbols

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EHRlich'S REAGENT FOR DETECTION OF UROBILLINOGEN

For detection of urobilinogen.

Product Code.	01111	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	Light yellow	Odour	characteristic alcohol
Melting point/ Freezing point [°C]	72-75°C	Flash point [°C]	164 °C	Boiling point [°C]	176°C
Solubility in water [% weight]	Slightly soluble				


Packaging

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Specification

Appearance	Light yellow coloured solution
Suitability	Passes test

Safety Information and Hazard Symbols


Symbol: GHS02, GHS05, GHS07 Signal Word: Danger UN No.: 2924 IMCO Class No.: 3 (8) Packing Group: II Hazardous Statement: H226-H314-H332-H341 Precaution Statement: P280-P305 + P351 + P338-P310 Risk Statement: 36/37/38 Safety Statement: 26-36

ESBACH'S REAGENT FOR DETECTION OF PROTEINS

For detection of proteins.

Product Code.	01127	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	Yellow
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Packaging

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Specification

Appearance	Yellow coloured liquid
Density (at 25°C)	1.0065 - 1.0075
Suitability	Passes test

Safety Information and Hazard Symbols

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EXTON'S REAGENT

Product Code.	01200B	Grade	
Purity		CAS No.	
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Colorless to pink	Boiling point [°C]	100.0
Vapour pressure [20°C]	18 mm Hg	Density [g/cm3]	1.000 at 20 °C		


Packaging

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Specification

Appearance	Colorless to pink color solution
Suitability (for testing albumin in urine)	Passes test

Safety Information and Hazard Symbols


Symbol: GHS05; GHS07 Signal Word: Danger Hazardous Statement: H302+H314 Precaution Statement: P280-P305+P351+P338+P310

FEHLING'S SOLUTION NO. A

(Lane & Eynon Modification) Mix with Fehling's Solution No.2 in equal volumes before use Fehling's solution prepared in accordance with a specification approved by the British Sugar. Corporation for the determination of invert sugar.

Product Code.	01205	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	Odorless
Boiling point [°C]	> 100 °C	Vapour pressure mm/Hg	14 mm Hg @200C	Density [g/cm3]	1.04 g/cm3 20 °C
Solubility in water [% weight]	Soluble in water				

Packaging

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Specification

Appearance	Clear blue solution
Assay (as CuSO4)	About 7.0%
Sensitivity	Passes test

Safety Information and Hazard Symbols


Symbol: GHS09 Signal Word: Warning UN No.: 3082 IMCO Class No.: 9 Packing Group: III Hazardous Statement: H410 Precaution Statement: P273-P501

FEHLING'S SOLUTION NO. B

Lane & Eynon modification Mix with Fehling's Solutions No.1 is equal volumes before use. Fehling's solution prepared in accordance with a specification approved by the British Sugar Corporation for the determination of invert sugar.

Product Code.	01206	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months


Physical Properties

Packaging

Specification

Appearance	Clear colourless solution
Sensitivity test	Passes test

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 1824 IMCO Class No.: 8 Packing Group: II Hazardous Statement: H314 Precaution Statement: P280-P305 + P351 + P338-P310

FOLIN & CIOCATEU'S PHENOL REAGENT (2.0 NORMAL)

Suitable for use in protein determination.

Product Code.	01241	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 Yellow	Odour	Pungent
pH value	< 0.5 at 20 °C	Critical temperature [°C]	374.2°C	Vapour pressure [20°C]	22.3 kPa at 20°C
Vapour pressure mm/Hg	167 mm Hg at 20°C	Vapour density	3.4	Density [g/cm3]	1.27
Solubility in water [% weight]	Soluble in water				


Packaging

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Specification

Appearance	Clear yellow colored solution
Equivalent acid	About 2.0 N
Weight/ mL at 20°C	About 1.2 g

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 3264 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H314 Precaution Statement: P280-P305 + P351 + P338-P310

FOLIN & WU'S PHOSPHATE-MOLYBDATE SOLUTION

Used in determination of blood sugar, Phosphate Molybdate Solution

Product Code.	01242	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 straw solution	Odour	Odorless
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Packaging

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Specification

Appearance	Clear straw colored solution
Sensitivity	Passes test

Safety Information and Hazard Symbols

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FOUCHET'S REAGENT FOR BILE PIGMENT BILIRUBIN

For bile pigment bilirubin.

Product Code.	01254	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	Clear light yellow	Odour	Odorless
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Packaging

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Specification

Appearance	Light greenish yellow colour clear solution
Assay	About 25%

Safety Information and Hazard Symbols

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GOWER'S REAGENT

For Erythrocyte count & RBC diluting fluid

Product Code.	01301	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 Colorless
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Packaging

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Specification

Appearance	Clear, colorless solution
Density (at 25°C)	1.037 - 1.046 g/mL
pH	2.2 - 2.6
Suitability	Passes test

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Risk Statement: 36/38 Safety Statement: 26

GUM GHATTI SOLUTION

It is used as a stabilizer for dense pharmaceutical emulsions & suspensions.

Product Code.	01315	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	1301.90490	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Odour	Odorless
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Packaging

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Specification

Appearance	A clear colourless solution
Suitability (for determination of urea in blood)	Passes test

Safety Information and Hazard Symbols

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HAYEM'S REAGENT

For erythrocyte count. (R.B.C. diluting fluid)

Product Code.	01320	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 Colorless	Density [g/cm3]	1.014
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Packaging

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Specification

Appearance	Colourless solution
Weight/ mL at 20°C	About 1.014 g

Safety Information and Hazard Symbols


Symbol: GHS09 UN No.: 2024 IMCO Class No.: 6.1 Packing Group: II Hazardous Statement: H302, H412 Precaution Statement: P264, P270, P273, P330, P301+P312, P501 Risk Statement: 22-52/53 Safety Statement: 45

KOVAC'S INDOLE REAGENT

Reagent for detecting Indole formation by bacteria

Product Code.	01491	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Light yellow to brown	pH value	1
Flash point [°C]	36 °C	Boiling point [°C]	85°C	Vapour density	2.31
Density [g/cm ³]	0.92				


Packaging

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Specification

Appearance	Light yellow to light brown clear solution
Sensitivity	Passes test
Acidity (as HCl)	6 - 8%
Density (at 25°C)	~ 0.92 gm

Safety Information and Hazard Symbols


Symbol: GHS02, GHS05, GHS07 Signal Word: Warning UN No.: 2920 IMCO Class No.: 8,3 Packing Group: II Hazardous Statement: H226-H302-H315-H318-H335-H336 Precaution Statement: P261-P280-P305 + P351 + P338

MAYER'S REAGENT INDICATOR SOLUTION

Reagent for detection and quantitative estimation of alkaloids.

Product Code.	01639	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	Pale yellow solution	pH value	5 - 7
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Packaging

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Specification

Appearance	Pale yellow coloured solution
Suitability	Passes test

Safety Information and Hazard Symbols

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MILLON'S REAGENT FOR DETECTION OF PROTEINS

Used for detection of proteins.

Product Code.	01754	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 Colorless	Odour	Odorless
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Packaging

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Specification

Appearance	Clear, colorless solution
Sensitivity for proteins	Passes test

Safety Information and Hazard Symbols


Symbol: GHS05, GHS06, GHS08, GHS09 Signal Word: Danger UN No.: 2922 IMCO Class No.: 8 (6.1) Packing Group: II Hazardous Statement: H300-H310-H314-H330-H373-H410 Precaution Statement: P260-P264-P273-P280-P284-P301 + P310

MOLISCH'S REAGENT

It is used in Molisch's test for the detection of carbohydrates.

Product Code.	01759	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	Colourless to brown liquid
Suitability (for detection of carbohydrate)	Passes test

Safety Information and Hazard Symbols


Symbol: GHS02 Signal Word: Danger UN No.: 1170 IMCO Class No.: 3 Packing Group: II Hazardous Statement: H225 Precaution Statement: P210

NESSLER'S REAGENT (KING'S) (FOR TESTSING SERUM UREA NITROGEN)

For determination of serum urea nitrogen.

Product Code.	01801	Grade	
Purity		CAS No.	7783-33-7
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Pale yellow colour	Odour	Odorless
Boiling point [°C]	105°C	Density [g/cm3]	1.15	Solubility in water [% weight]	Miscible in water


Packaging

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Specification

Appearance	Pale yellow coloured solution
Sensitivity	Passes test

Safety Information and Hazard Symbols


Symbol: GHS05, GHS06, GHS08, GHS09 Signal Word: Danger UN No.: 2922 IMCO Class No.: 8,6.1 Packing Group: II Hazardous Statement: H301-H310-H314-H330-H373-H410 Precaution Statement: P260-P273-P280-P284-P301 + P310-P302 + P350

NESSLER'S REAGENT FOR AMMONIA

For ammonia & ammonium salt. This reagent should be allowed to settle before use. It is packed with a small amount of precipitate in order to maintain its sensitivity during storage.

Product Code.	01800	Grade	
Purity		CAS No.	7783-33-7
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Pale yellow colour	Odour	Odorless
Boiling point [°C]	105°C	Density [g/cm ³]	1.15	Solubility in water [% weight]	Miscible in water


Packaging

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Specification

Appearance	Pale yellow colored solution
Sensitivity to ammonia	Passes test

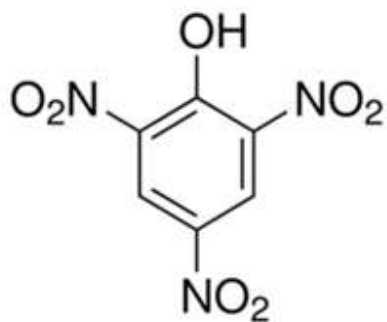
Safety Information and Hazard Symbols


Symbol: GHS05, GHS06, GHS08, GHS09 Signal Word: Danger UN No.: 2922 IMCO Class No.: 8,6.1 Packing Group: II Hazardous Statement: H301-H310-H314-H330-H373-H410 Precaution Statement: P260-P273-P280-P284-P301 + P310-P302 + P350

PICRIC ACID SOLUTION 1.2% AR

For determination of creatinine

Product Code.	02038	Grade	AR
Purity		CAS No.	88-89-1
Molecular Formula		Molecular Weight	0.00
H.S.Code	2908.99900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Yellow coloured solution	Vapour pressure [20°C]	2.3 kPa (@ 20°C)
Vapour density	0.62	Density [g/cm ³]	1.01	Solubility in water [% weight]	Soluble in water

Packaging

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Specification

Appearance	Yellow colored solution
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Safety Information and Hazard Symbols

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SCHIFF'S REAGENT

For detection of aldehyde and use in microscopy, used as stain for glycoproteins.\ feulgen solution

Product Code.	02283	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	Slight pink solution	pH value	<2
Density [g/cm3]	1	Solubility in water [% weight]	Completely soluble		


Packaging

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Specification

Appearance	Clear colourless to slight pink colored solution
Sensitivity	Passes test

Safety Information and Hazard Symbols


Symbol: GHS05; GHS08 Signal Word: Danger UN No.: 3265 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H290-H314-H350 Precaution Statement: P201-P280-P305 + P351 + P338-P310 Risk Statement: 45 Safety Statement: 53-45

SELIWANOFF'S REAGENT

For detection of fructose.

Product Code.	02292	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 colorless	Vapour density	1.268
Solubility in water [% weight]	Soluble in water				


Packaging

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Specification

Appearance	Clear colourless liquid
Sensitivity	Passes test

Safety Information and Hazard Symbols


Symbol: GHS05, GHS07 Signal Word: Danger UN No.: 1789 IMCO Class No.: 8 Packing Group: II Hazardous Statement: H314-H335 Precaution Statement: P261-P280-P305 + P351 + P338-P310

SMITH'S REAGENT

For bile pigment detection in urine

Product Code.	02336	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Packaging

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Specification

Appearance	Transparent liquid having reddish brown colour & the odour of iodine & alcohol
Suitability (for detection of bile pigment)	Passes test

Safety Information and Hazard Symbols

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SODIUM CITRATE SOLUTION 3.8% W/V

Used as a anticoagulant.

Product Code.	02394A	Grade	
Purity	3.8% w/v	CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	2918.15200	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Odour	Odorless
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Packaging



Specification

Appearance	Clear, colourless solution.
Sodium citrate	3.8 +/-0.2%

Safety Information and Hazard Symbols

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SODIUM TUNGSTATE SOLUTION 10% W/V (FOLIN AND WU)

It is a reagent used for estimation of blood glucose by Folin & Wu method.

Product Code.	02538	Grade	
Purity		CAS No.	10213-10-2
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Odour	Odorless
pH value	Neutral	Boiling point [°C]	100°C	Vapour pressure [20°C]	2.3 kPa (@ 20°C)
Vapour density	0.62	Density [g/cm ³]	1.07	Solubility in water [% weight]	Soluble in water

Specification

Appearance	Clear colorless liquid
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Safety Information and Hazard Symbols



Symbol: GHS07
Signal Word: Warning
Hazardous Statement: H315-H319
Precaution Statement: P305 + P351 + P338

TOLLEN'S REAGENT (KIT OF 2 BOTTLES)

Used to distinguish ketones & aldehyde.

Product Code.	02722	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months


Physical Properties

Packaging

Specification

Appearance	Clear colourless solution
Sensitivity test for aldehyde	Silver mirror inside the test tube is present

Safety Information and Hazard Symbols


Symbol: GHS05; GHS07 Signal Word: Danger UN No.: 1760 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H302-H315-H320-H290 Precaution Statement: P264-P302+P352-P332+P313-P305+P351+P338-P337+P313 Risk Statement: R36/37/38-R52/53 Safety Statement: S26-S36/37/39-S45-S60-S61

TOPFER'S REAGENT SOLUTION

For detection of HCl in gastric fluids.

Product Code.	02742	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	Wine red solution
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Packaging

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Specification

Appearance	Wine red coloured solution
Suitability	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-P260-P280-P301 + P310-P311

URIC ACID REAGENT FOLIN/NEWTON

For the quantitative determination of Uric Acid in serum and urine. Folin/Newton

Product Code.	02814	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	2933.99000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Light yellow	pH value	8
Solubility in water [% weight]	Slightly soluble in water				

Packaging

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Specification

Appearance	Light yellow coloured solution
Suitability for Uric acid estimation	Passes test

Safety Information and Hazard Symbols

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W.B.C. DILUTING FLUID (TURK'S) EXTRA PURE

For determination of W.B.C.Count in blood samples. Bluish Violet Coloured Clear Solution

Product Code.	02838	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	Bluish violet solution	Odour	Odorless
pH value	2.5 - 3.5				

Packaging

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Specification

Appearance	Bluish violet color clear solution
Absorption maxima	588-594 nm
Absorbance (? max; diluted 1:25; 1 cm)	0.450 – 0.600
pH Value	2.5-3.5

Safety Information and Hazard Symbols

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