

Растворы для индикаторов pH

Технические характеристики

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1-NAPTHOLBENZEIN INDICATOR SOLUTION
(pH yellow 6.5-9.8 green)

Product Code.	01781A	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	Dark red liquid
pH transition range	yellow 6.5 - 9.8 green

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS08
Signal Word: Danger
UN No.: 1993
IMCO Class No.: 3
Packing Group: III
Hazardous Statement: H225-H371
Precaution Statement: P210-P260

ALKALI BLUE 6B (INDICATOR SOLUTION)

Product Code.	00103	Grade	
Purity		CAS No.	1324-76-1
Molecular Formula	C37H29N3O3S	Molecular Weight	595.73
H.S.Code	38220090.00000	Shelf Life	

Physical Properties

Packaging

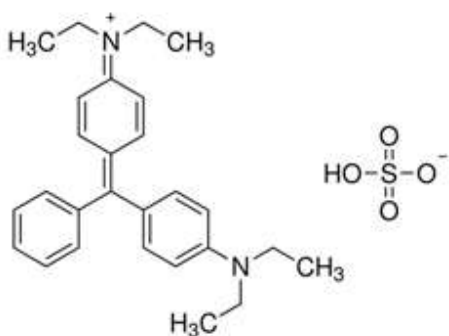


Specification

Safety Information and Hazard Symbols

BRILLIANT GREEN 1% W/V AQUEOUS SOLUTION

Product Code.	00478	Grade	
Purity		CAS No.	633-03-4
Molecular Formula	C ₂₇ H ₃₄ N ₂ O ₄ S	Molecular Weight	482.60
H.S.Code	3822.00900	Shelf Life	24 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark green	Melting point/ Freezing point [°C]	0.0
Boiling point [°C]	100.0	Relative density, liquid (water=1)	1.01 at 20°C		

Packaging



Specification

Appearance	Dark green color liquid
pH transition range -Yellow (pH < 1.0) - Green (pH >2.6)	Passes test

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

Hazardous Statement: H317-H402

Precaution Statement: P261 -P272 - P273 -P280-P302+P352 -P321 -P332+P313-P363 -P501

BROMOCRESOL PURPLE INDICATOR 0.04% SOLUTION

0.04% Solution.

Product Code.	00500	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	red	Boiling point [°C]	100.0
Density [g/cm3]	0.991				

Packaging



Specification

Appearance	Red color solution
pH 5.2-6.8	Yellow to purple

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Hazardous Statement: H315-H319-H335 Precaution Statement: P261-P305 + P351 + P338

BROMOPHENOL BLUE 0.1% W/V AQUEOUS SOLUTION

Product Code.	00510	Grade	
Purity		CAS No.	NA
Molecular Formula	C19H9Br4NaO5S	Molecular Weight	691.94
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark purple	pH value	6.7
Melting point/ Freezing point [°C]	-61 °C	Flash point [°C]	58 °C	Boiling point [°C]	153 - 155 °C
Initial boiling point [°C]	153°C	Final boiling point [°C]	155 °C	Vapour pressure [20°C]	3.6 hPa at 20 °C
Vapour density	2.5	Density [g/cm3]	0.954	Partition coefficient Log Pow octanol / water at 20°C	-1.01
Explosion limits - upper [%]	15.20%	Explosion limits -lower [%]	2.20%		

Packaging



Specification

Appearance	Dark purple colored solution
pH 3.0-4.6	Yellow to Blue

Safety Information and Hazard Symbols

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BROMOTHYMOL BLUE INDICATOR 0.04% SOLUTION

Product Code.	00517	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 bluish to brown green
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Packaging



Specification

Appearance	A dark bluish/brown green colored solution
pH transition (6.0-7.6)	Yellow to blue

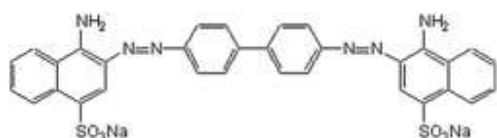
Safety Information and Hazard Symbols

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CONGO RED INDICATOR SOLUTION

C.I.No.22120 Congo Red 4B, Cosmos Red, Cotton Red B, Cotton Red C, Direct Red 28, Direct Red R, Direct Red Y

Product Code.	00845	Grade	
Purity		CAS No.	573-58-0
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.14210	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Red coloured solution	Odour	Odorless
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Specification

Appearance	Red colored solution
pH 3.0 - 5.2	Blue violet to red orange

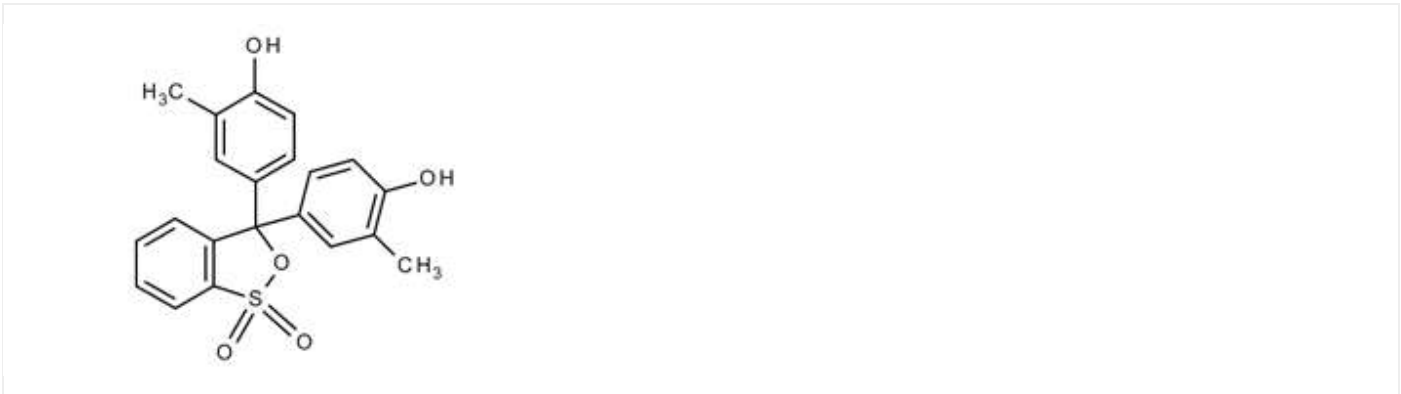
Safety Information and Hazard Symbols



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

CRESOL RED INDICATOR SOLUTION

Product Code.	00891	Grade	
Purity		CAS No.	1733-12-6
Molecular Formula		Molecular Weight	0.00
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark red	Density [g/cm3]	0.98
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Packaging

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Specification

Appearance	Dark red solution
Acidic range pH 0.5 - 2.5	Pink brownish to yellow
Alkaline range pH 6.5 - 8.5	Yellow to purple

Safety Information and Hazard Symbols

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LITMUS BLUE (PH INDICATOR) SOLUTION

Indicator Solution

Product Code.	01565A	Grade	
Purity		CAS No.	1393-92-6
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Packaging

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Specification

Appearance	Blue color solution
Sensitivity	Passes test

Safety Information and Hazard Symbols

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LITMUS RED (PH INDICATOR) SOLUTION

Product Code.	01565B	Grade	
Purity		CAS No.	1393-92-6
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 blue	Odour	Odorless
Solubility in water [% weight]	Soluble in water				

Packaging

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Specification

Appearance	Red coloured solution
pH 5.0 - 8.0	Red to blue

Safety Information and Hazard Symbols

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METHYL ORANGE INDICATOR SOLUTION

Product Code.	01736	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	2927.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Orange coloured solution	pH value	3.1 - 4.4
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Packaging

Specification

Appearance	Orange colored solution
pH (3.1 - 4.4)	Red to Yellow - Orange

Safety Information and Hazard Symbols


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

METHYL PURPLE PH INDICATOR (PURPLE GREEN)

0.1% indicator solution Suitable for use in the testing of petroleum products by IP and ASTM methods.

Product Code.	01740	Grade	
Purity		CAS No.	1340-02-9
Molecular Formula	C67H62N8Na4O14S3	Molecular Weight	1391.41
H.S.Code	3822.00900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Dark purple solution	Odour	Odorless
pH value	4.8 - 5.4	Density [g/cm3]	1.001		

Packaging

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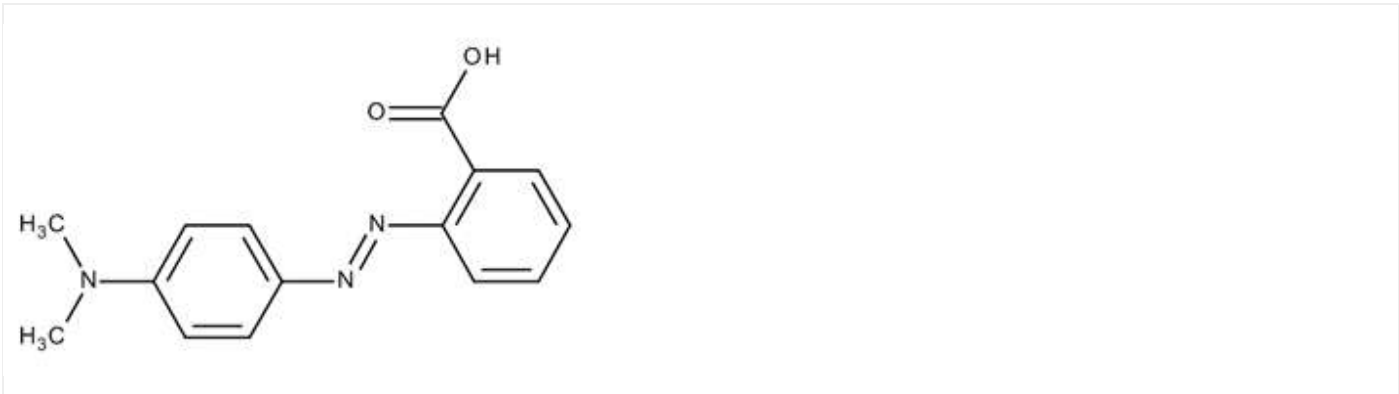
Specification

Appearance	Dark purple solution
pH 4.8 - 5.4	Purple to green

Safety Information and Hazard Symbols

METHYL RED INDICATOR SOLUTION

Product Code.	01744	Grade	
Purity		CAS No.	493-52-7
Molecular Formula		Molecular Weight	0.00
H.S.Code	2927.00900	Shelf Life	60 Months



Physical Properties

Packaging

Specification

Appearance	Dark red solution
pH range (4.4 - 6.2)	Red - yellow orange

Safety Information and Hazard Symbols


Symbol: GHS02, GHS08 Signal Word: Danger UN No.: 1993 IMCO Class No.: 3 Packing Group: III Hazardous Statement: H225-H371 Precaution Statement: P210-P260

NEUTRAL RED INDICATOR SOLUTION

Product Code.	01803	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 red solution	Odour	Odorless
pH value	6.8 - 8.0	Melting point/ Freezing point [°C]	-114°C	Flash point [°C]	14°C
Boiling point [°C]	78 °C	Density [g/cm3]	0.789	Solubility in water [% weight]	Soluble in water

Packaging

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Specification

Appearance	Violet red coloured solution
pH range (6.8 - 8.0)	Violet red to orange yellow

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 - P240 - P305 + P351 + P338 - P403 + P233

PHENOL RED 0.1% INDICATOR SOLUTION

Product Code.	01977	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3204.19630	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Red coloured solution	Odour	Odorless
Melting point/ Freezing point [°C]	~0° C	Boiling point [°C]	~100° C	Density [g/cm3]	~1.0
Solubility in water [% weight]	Soluble in water				

Packaging

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Specification

Appearance	Red colored solution.
Transition range pH 6.8 - 8.4	Yellow to red

Safety Information and Hazard Symbols


Symbol: GHS02, GHS07 Signal Word: Warning UN No.: 1170 IMCO Class No.: 3 Packing Group: II Risk Statement: 11-20/21/22-68/20/21/22 Safety Statement: 16-36/37

PHENOLPHTHALEIN (INDICATOR) 0.375% SOLUTION

Product Code.	01974	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	Alcoholic odour
Melting point/ Freezing point [°C]	-89°C	Auto-ignition temperature [°C]	398.9°C	Flammability (solid, gas)	Flammable
Flash point [°C]	21.7°C	Boiling point [°C]	83°C	Evaporation rate	2.88
Vapour pressure [20°C]	40 mm Hg at 20 °C	Vapour pressure mm/Hg	40 mm Hg at 20 °C	Vapour density	2.1
Density [g/cm3]	0.7855	Solubility in water [% weight]	Soluble in water	Explosion limits - upper [%]	12.70%
Explosion limits -lower [%]	2%				

Specification

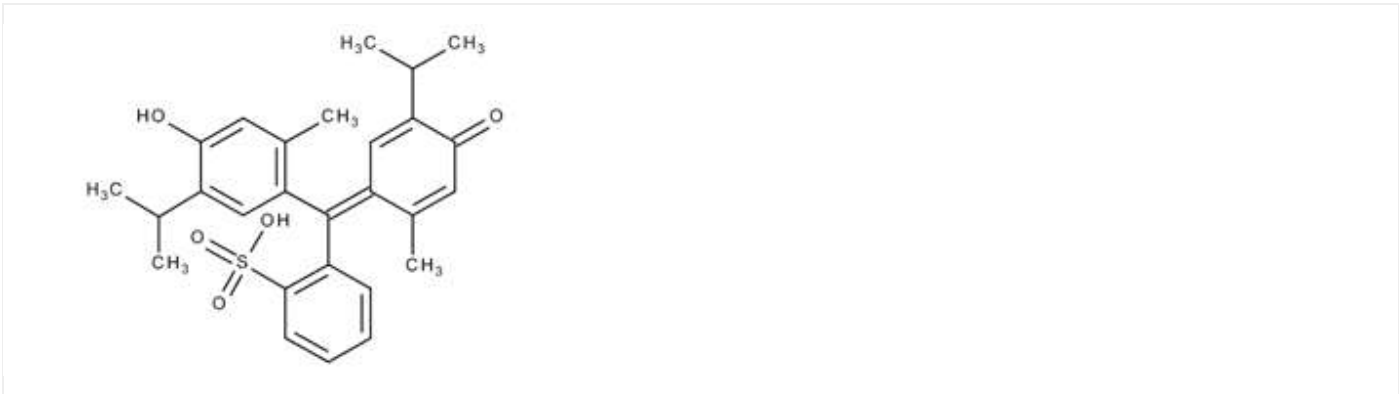
Appearance	A clear colourless solution
pH 8 - 10	Colourless to dark pink

Safety Information and Hazard Symbols


Symbol: GHS02, GHS07, 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 Risk Statement: 11-23/24/25-39/23/24/25 Safety Statement: 16-36/37-45

THYMOL BLUE INDICATOR SOLUTION

Product Code.	02697	Grade	
Purity		CAS No.	76-61-9
Molecular Formula	C27H30O5S	Molecular Weight	466.60
H.S.Code	3822.00900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Brown colored solution	Odour	Characteristic odour
Density [g/cm3]	0.979	Solubility in water [% weight]	Soluble in water		

Packaging

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Specification

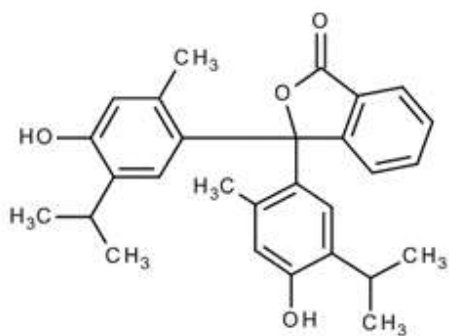
Appearance	Brown colored solution
pH 1.2 - 2.8	Violet red to brownish yellow
pH 7.8 - 9.5	Greenish yellow to blue

Safety Information and Hazard Symbols

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THYMOLPHTHALEIN INDICATOR SOLUTION

Product Code.	02702	Grade	
Purity		CAS No.	125-20-2
Molecular Formula	C ₂₈ H ₃₀ O ₄	Molecular Weight	430.55
H.S.Code	3822.00900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Odour	Mild characteristic odor
Flammability (solid, gas)	Flammable	Flash point [°C]	21°C	Density [g/cm ³]	0.79
Solubility in water [% weight]	Complete	Explosion limits - upper [%]	19%	Explosion limits -lower [%]	3.30%

Specification

Appearance	Colorless solution
pH 9.3 - 10.5	Colourless to blue

Safety Information and Hazard Symbols



Symbol: GHS02
 Signal Word: Danger
 UN No.: 1993
 IMCO Class No.: 3
 Packing Group: III
 Hazardous Statement: H226
 Precaution Statement: P210, P233, P280, P303+P361+P353, P370+P378, P403+P235

UNIVERSAL INDICATOR SOLUTION PH 4 -11 WITH COLOUR CHART

Direction for use: Use 0.2 ml solution for 10 ml of the liquid under examination.

Product Code.	02805	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 green	Odour	Alcoholic odour
Flammability (solid, gas)	Flammable	Flash point [°C]	19 °C	Evaporation rate	>1
Density [g/cm3]	0.93	Solubility in water [% weight]	Soluble in water	Explosion limits - upper [%]	15%
Explosion limits -lower [%]	3.40%				

Packaging

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Specification

Appearance	Green colored solution
pH	4 - 11

Safety Information and Hazard Symbols


Symbol: GHS02 Signal Word: Warning UN No.: 1230 IMCO Class No.: 3 , 6.1 Packing Group: III Hazardous Statement: H226 Risk Statement: 11 Safety Statement: 16

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