



Neutron[®]
Pharmaceutical Co.



ASTM, SALT SPRAY REAGENT

Sodium chloride

ISO, ASTM, Salt Spray

NaCl

M= 58.44 g/mol

Specification

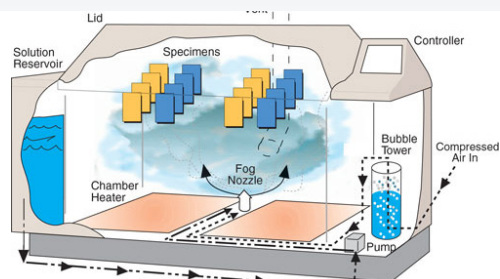
Assay	≥	99.5	%
Description		Conforms	
Solubility		Conforms	
Identification		Conforms	
Appearance of solution		Conforms	
Sulfate	≤	0.002	%
Chloride		Conforms	
Barium		Conforms	
Iodides	≤	0.1	%
Ferro cyanides		Conforms	
Magnesium & alkaline earth metals	≤	0.01	%
Iron	≤	2.0	µg/g
Acidity or Alkalinity	≤	0.5	ml
Ni	≤	0.001	%
Cu	≤	0.001	%
Limit of Phosphates	≤	0.0025	%
Loss on drying	≤	0.5	%

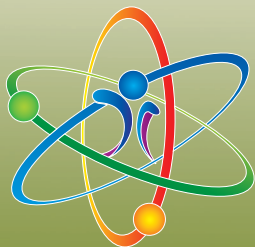
Glass Bottles		Plastic container		Plastic Gallon	
5	gr	100	gr	1	kg
10	gr	500	gr	5	kg
25	gr	800	gr	10	kg

Product Code: 1.1480.

Technical Information

Formula:	CINa
Chemical formula:	NaCl
Density:	2.17 g/cm ³ (20 °C)
Molar mass:	58.44 g/mol
Bulk density:	~ 1140 kg/m ³
CAS number:	7647-14-5
HS code:	25010091
EC number:	231-598-3
Storage (temperature):	Without limitations.
SDS	available
RTECS:	VZ4725000
Odour:	odourless
Form:	solid
Color:	colourless
PH value:	4.5 – 7.0 (100 g/l 20 °C)
Solubility in water:	358 g/l (20°C)
Solubility in ethanol:	0.51 g/l (25°C)
Boiling point:	1461 °C (1013 hPa)
Melting point:	801 °C
Vapour pressure:	1.3 hPa (865 °C)





Neutron[®]

Pharmaceutical Co.

STAINS AND INDICATOR REAGENT



Bromocresol green

Indicator Reagent

C₂₁H₁₄Br₄O₅S
M= 698.05 g/mol

Specification

Description		Conforms	
Identification		Conforms	
Loss on drying (110.0 °C)	≤	3.0	%
Appearance of solution		Conforms	
Sensitivity test		Conforms	
Transition Range		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: 1.1840.

Technical Information

Formula	C ₂₁ H ₁₄ Br ₄ O ₅ S
Molar mass	698.05 g/mol
CAS number	76-60-8
HS code	29349990
EC number	200-972-8
Storage	Without limitation
SDS	Available



Bromocresol purple

Indicator Reagent

C₂₁H₁₆Br₂O₅S
M= 540.24 g/mol

Specification

Description		Conforms	
Identification		Conforms	
Loss on drying (110.0°C)	≤	1.0	%
Appearance of solution		Conforms	
Sensitivity test		Conforms	
Transition Range		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: 1.1850.

Technical Information

Formula	C ₂₁ H ₁₆ Br ₂ O ₅ S
Molar mass	540.24 g/mol
CAS number	115-40-2
HS code	29349990
EC number	204-087-8
Storage	+15 °C to +30 °C
SDS	Available



Bromophenol blue

Indicator Reagent

C₁₉H₁₀Br₄O₅S
M=669.96 g/mol

Specification

Appearance & Description		Conforms	
Solubility		Conforms	
Identification		Conforms	
Melting point	~	273	°C
Transition Range		Conforms	
Appearance of solution		Conforms	
Sensitivity test		Conforms	
Loss on drying	≤	1.0	%

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: 1.1070.

Technical Information

Formula:	C ₁₉ H ₁₀ Br ₄ O ₅ S
Molar mass:	699.96 g/mol
Bulk density:	~ 730 kg/m ³
CAS number:	115-39-9
HS code:	29349990
EC number:	204-086-2
Storage	Store at 5 to +30 °C
SDS	available





Bromothymol blue

Indicator Reagent

C27H28Br2O5S
M= 624.40 g/mol

Specification

Appearance & Description		Conforms	
Solubility		Conforms	
Identification		Conforms	
Transition Range		Conforms	
Loss on drying	≤	3.0	%

Glass Bottles		
5	gr	●
10	gr	●
25	gr	●

Plastic Container		
100	gr	
500	gr	
800	gr	

Plastic Container		
1	kg	
5	kg	
10	kg	

Product code: 1.1000.

Technical Information

Formula:	C27H28Br2O5S
Molar mass:	624.40 g/mol
Bulk density:	~ 450 kg/m ³
CAS number:	76-59-5
HS code:	29349990
EC number:	200-971-2
Storage	Store at 5 to 30 °C
SDS	available



Cresol red

Indicator Reagent

C21H18O5S
M=382.44 g/mol

Specification

Description		Conforms	
Identification		Conforms	
Loss on drying (110.0 °C)	≤	5.0	%
Appearance of solution		Conforms	
Transition Range 1		Conforms	
Transition Range 2		Conforms	
Sensitivity test		Conforms	

Glass Bottles		
5	gr	●
10	gr	●
25	gr	●

Plastic Container		
100	gr	
500	gr	
800	gr	

Plastic Container		
1	kg	
5	kg	
10	kg	

Product code: 1.1900.

Technical Information

Formula	C21H18O5S
Molar mass	382.44 g/mol
CAS number	1733-12-6
HS code	29349990
EC number	217-067-2
Storage	+15 °C to +30 °C
SDS	Available



m-Cresol purple

Indicator Reagent

C21H18O5S
M= 382.44 g/mol

Specification

Description		Conforms	
Identification		Conforms	
Loss on drying (110.0 °C)	≤	1.0	%
Appearance of solution		Conforms	
Transition Range 1		Conforms	
Transition Range 2		Conforms	

Glass Bottles		
5	gr	●
10	gr	●
25	gr	●

Plastic Container		
100	gr	
500	gr	
800	gr	

Plastic Container		
1	kg	
5	kg	
10	kg	

Product code: 1.1970.

Technical Information

Formula	C21H18O5S
Molar mass	382.44 g/mol
CAS number	1772303
HS code	29349990
EC number	218-960-6
Storage	+15 °C to +30 °C
SDS	Available



Crystal violet (C.I. 42555)

Indicator Reagent

C25H30ClN3
M = 407.99 g/mol

Specification

Description	Conforms		
Identification	Conforms		
Solubility	Conforms		
pH	2.5 - 3.5		
Absorption lambda max	589 - 594	nm	
Spec. Absorptivity A 1%/1cm	2000 - 2450		
TLC Test	Conforms		
Loss on drying	≤ 10	%	
Suitability as indicator	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: 1.2580.

Technical Information

Formula	C25H30ClN3
Density	1.19 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	32041300
EC number	208-953-6
Storage	Storage at 15 to 30°C available
SDS	BO9000000
RTECS	
R phrase	R 45-E22-41-50/53-68
S phrase	S 53-26-36/37/39-49-60
Odour	odourless
Form	solid
Color	green
Solubility in water	~ 16 g/l (25°C)
Solubility in ethanol	soluble(20°C)



Eosin Y (C.I. 45380)

Indicator Reagent

C20H6Br4Na2O5
M=691.86 g/mol

Specification

Description	Conforms		
Solubility	Conforms		
Melting point	295 – 296	°C	

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: 1.1110.

Technical Information

Formula:	C20H6Br4Na2O5
Molar mass:	691.86 g/mol
Bulk density:	~ 710 kg/m ³
CAS number:	17372-87-1
HS code:	32041200
EC number:	241-409-6
Storage	Store to 5 - 30°C available
SDS	available
R phrase:	R 36
S phrase:	S 22-26



Eriochrome black T (C.I. 14645)

Indicator Reagent

C20H12N3NaO7S
M= 461.38 g/mol

Specification

Appearance & Description	Conforms		
pH Value (10 g/l)	~ 3.7		
Identification	Conforms		
Absorption maximum lambda	612.0 – 616.0	nm	
Loss on drying	≤ 7.0	%	

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: 1.1120.

Technical Information

Formula:	C20H12N3NaO7S
Molar mass:	461.38 g/mol
Bulk density:	~ 400 – 600 kg/m ³
CAS number:	1787-61-7
HS code:	32041900
EC number:	217-250-3
Storage	Store at +15 °C available
SDS	available
R phrase:	R 36-51/53
S phrase:	S 26-61





Methyl red (C.I. 13020)

Indicator Reagent

C15H15N3O2
M= 269.31 g/mol

Specification

Appearance & Description	Conforms	
Identification	Conforms	
Absorption max	523.0 – 526.0	nm
Absorption max	427.0 – 437.0	nm
Melting Point	178.0 – 182.0	°C
Clarity of alcoholic solution	Conforms	
Loss on drying	≤ 5.0	%

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: 1.1280.

Technical Information

Formula (Hill):	C15 H15 N3 O2
Molar mass:	269.31 g/mol
Bulk density:	~ 300 – 500 kg/m ³
CAS number:	493-52-7
HS code:	29270000
EC number:	207-776-1
Storage:	Store at + 5 to + 30 °C
SDS:	Available

Methylene blue (C.I. 52015)

Indicator Reagent

C16H18ClN3S·XH2O

Specification

Appearance & Description	Conforms	
Absorption maximum lambda	660.0 – 665.0	nm
Melting Point	~ 180.0	°C
Transmittance Range	Conforms	
Sulfated ash	≤ 1.0	mg
pH value (10 g/l)	~ 3.0	
Loss on drying	10.0 – 15.0	%

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: 1.1260.

Technical Information

Formula :	C16H18ClN3S·XH2O
Bulk density:	~400-600 kg/m ³
HS code:	32041300
EC number:	200-515-2
Storage :	Without Limitations
SDS:	available
RTECS:	R22



Methyl orange (C.I. 13025)

Indicator Reagent

C14H14N3NaO3S
M= 327.34 g/mol

Specification

Appearance & Description	Conforms	
Transmittance Range	Conforms	
Melting Point	≤ 300	°C
Loss on drying	≤ 5.0	%

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: 1.1270.

Technical Information

Formula:	C14H14N3NaO3S
Molar mass:	327.34 g/mol
Bulk density:	~ 200 - 400 kg/m ³
CAS number:	547-58-0
HS code:	29270000
EC number:	208-925-3
Storage	Store at 5 to 30°C
SDS	available
R phrase:	R 25
S phrase:	S 37-45



Orange G (C.I. 13025)

Indicator Reagent

C16H10N2Na2O7S2
M= 452.37 g/mol

Specification

Appearance & Description	Conforms
Solubility	Conforms
pH Value	~ 9.0

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: 1.1330.

Technical Information

Formula :	C16H10N2Na2O7S2
Molar mass:	452.37 g/mol
Bulk density:	~ 430 kg/m ³
CAS number:	1936-15-8
HS code:	32041200
EC number:	217-705-6
Storage :	at +5 to+30°C
SDS:	available
RTECS:	QJ6500000



1,10-Phenanthroline monohydrate

Indicator Reagent

C12H8N2 *H2O
M=198.24 g/mol

Specification

Description	Conforms
Identification	Conforms
Solubility	Conforms
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: 1.2750.

Technical Information

Formula	C12H8N2*H2O
Molar mass	198.24 g/mol
Bulk density	~ 300 kg/m ³
CAS number	5144-89-8
HS Code	613-092-00-8
EC number	29339990
Storage	at 15 to 30 °C
SDS	available
R phrase	R 25-50/53
S phrase	S 45-60-61
Odour	odourless
Form	solid
Color	white
Solubility in water	~ 3.3 g/l (20 °C)
Solubility in ethanol	freely soluble (20 °C)



Phenol red

Indicator Reagent

C19H14O5S
M= 354.38 g/mol

Specification

Assay	98.0 – 102.0	%
Solubility	Conforms	
Description	Conforms	
Identification	Conforms	
Related Substance	≤ 0.5	%
Sulfated ash	≤ 0.2	%
Loss on drying (105.0 °C)	≤ 1.0	%

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: 1.2050.

Technical Information

Formula	C19H14O5S
Molar mass	354.38 g/mol
CAS number	143-74-8
HS code	29349990
EC number	205-609-7
Storage	Without limitation
SDS	Available





Phenolphthalein

Indicator Reagent

C20H14O4
M= 318.33 g/mol

Specification

Description	Conforms		
Identification	Conforms		
Melting Point	285.0 – 262.0	°C	
Clarity of alcoholic solution	Conforms		
Absorption maximum	551.0 – 554.0	nm	
Transition Range	Conforms		
Loss on drying	≤ 1.0	%	

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: 1.1350.

Technical Information

Formula:	C20H14O4
Density:	1.30 g/cm ³ (20 °C)
Molar mass:	318.33 g/mol
Bulk density:	350 450 kg/m ³
CAS number:	77-09-8
HS code:	29322910
EC number:	201-004-7
Storage :	Without limitations available
SDS	

Starch soluble

Indicator Reagent

(C6H10O5)_n

Specification

Description	Conforms		
Identification	Conforms		
pH	5.0 – 7.5		
Sulfate ash	≤ 0.4	%	
Loss on drying	≤ 20.0	%	

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: 1.2060.

Technical Information

Formula	(C6H10O5) _n
CAS number	9005-84-9
HS code	35051090
EC number	232-686-4
Storage (temperature)	Without limitation
SDS	Available

Thymol blue

Indicator Reagent

C27H30O5S
M= 466.60 g/mol

Specification

Description	Conforms		
Identification	Conforms		
Loss on drying (110.0 °C)	≤ 3.0	%	
Appearance of solution	Conforms		
Transition Range 1	Conforms		
Transition Range 2	Conforms		
Sensitivity 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: 1.2090.

Technical Information

Formula	C27H30O5S
Molar mass	466.60 g/mol
CAS number	76-61-9
HS code	29349990
EC number	200-973-3
Storage	+15 °C to +30 °C
SDS	Available



Thymolphthalein

Indicator Reagent

C28H30O4
M= 430.55 g/mol

Specification

Description	Conforms	
Identification	Conforms	
Specific Absorption	800.0 –900.0	nm
Clarity of alcoholic solution	Conforms	
Absorption maximum	592.0 –596.0	nm
Transition Range	Conforms	
Loss on drying (110.0 °C)	≤ 1.0	%

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: 1.2100.

Technical Information

Formula	C28H30O4
Molar mass	430.55 g/mol
CAS number	125-20-2
HS code	29322985
EC number	2014-729-7
Storage	+15 °C to +30 °C
SDS	Available



Xylenol orange tetrasodium salt

Indicator Reagent

C31H28N2Na4O13S
M= 760.60 g/mol

Specification

Solubility	Conform	
Description	Conforms	
Identification	Conforms	
Loss on drying (110.0 °C)	≤ 7.0	%
Appearance of solution	Conforms	
Sensitivity test	Conforms	
Suitability as indicator	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: 1.2120.

Technical Information

Formula	C31H28N2Na4O13S
Molar mass	760.60 g/mol
CAS number	3618-43-7
HS code	29349990
EC number	222-805-8
Storage	+15 °C to +25 °C
SDS	Available

