4-Chloro-1-naphthol
Crystalline Powder

packaging	Mfr. No
50 g PolyBottle	BP1550-50

$C_{10}H_7ClO$
CAS: 604-44-4
MW: 178.62
H335, H319, H315

P261, P302+P352, P280, P305+P351+P338

Assay (GC)	>=98%
IR	Conforms to standard
Melting Point	120°C ±3°C

Applications: 4-Chloro-1-naphthol is a chromogenic substrate for Horseradish Peroxidase used in immunostaining, ELISA, and EIA.
Recommended Storage: -20°C

5-Bromo-4-chloro-3-indolyl Phosphate, p-Toluidine Salt
White to Off-white Powder

packaging	Mfr. No
100 mg AmberGlass	BP1610-100
500 mg AmberGlass	BP1610-500

$C_{15}H_{15}BrClN_2O_4P$ EINECS: 229-506-1
CAS: 6578-06-9
MW: 433.61

Assay	>=99%
Lambda Max. (2mg in 100mℓ of 0.1N NaOH)	289nm ±2nm
Protease	Not detected
TLC	To pass test

Applications: BCIP is used in conjunction with Nitro Blue Tetrazolium (NBT) in the colorimetric detection of Alkaline Phosphatase. It is suitable for use in immunohistochemistry, immunoblot staining, and ELISA applications.
Recommended Storage: <0°C

Bovine Serum Albumin (BSA)
Microbial Grade

packaging	Mfr. No
100 g Poly Bottle	BP9700-100

CAS: 9048-46-8

Appearance	Beige powder
Heavy metals (as Pb)	<=20 ppm
Loss on Drying (at 105°C)	<=6
pH (1% in 0.15M NaCl)	Inclusive between 6.8-7.2
Protein	>=95%
Purity (albumin)	>=95%
Sulfated ash	<=2%

Applications: Immunological studies, Blocking non-specific sites
Description: Purified by a modified cold ethanol procedure.
Recommended storage: 4°C

Bovine Serum Albumin (Fraction V)
Cold-ethanol Precipitated

packaging	Mfr. No
100g PolyBottle	BP1605-100

CAS: 9048-46-8

Heavy Metals (Pb)	<=10ppm
pH (1% Solution in 0.9% NaCl)	7.0 ±0.3
Protease	Not Detected
Protein	>96%
Purity (albumin)	>98%
Solubility (0.4g/10mℓ H_2O)	Clear and haze-free
Sulfated ash	<=2%
Water Content	<5%

Applications: Cold-ethanol Precipitated Bovine Serum Albumin is used as a stabilizer for enzymes or enzymatic reactions, or as a blocker of nonspecific sites.
Recommended Storage: 4°C

Bovine Serum Albumin (BSA)
DNase- and Protease-Free Powder

packaging	Mfr. No
100 g Poly Bottle	BP8805-100

CAS: 9048-46-8

Appearance	Pale Yellow Flakes
Bioburden	<100 CFU/g
DNase	Not detected
pH (1% in 0.15M NaCl)	6.4-7.4
Protease	Not detected
Purity (albumin)	>=97%
RNase	Not detected

Applications: Immunological studies, Blocking non-specific sites
Description: Purified by proprietary heat shock process.
Recommended storage: 4°C

Bovine Serum Albumin (Fraction V)
Heat-shock Treated

packaging	Mfr. No
100g PolyBottle	BP1600-100

CAS: 9048-46-8

Heavy Metals (Pb)	<=10ppm
Loss on Drying (at 105°C)	<=5%
pH (1% Solution in 0.9% NaCl)	7.0 ±0.3
Protein	>96%
Purity (albumin)	>98%
Solubility (0.4g/10mℓ H_2O)	Clear and haze-free
Sulfated ash	<=2%
Water Content	<5%

Applications: Heat-shock Treated Bovine Serum Albumin is suitable for immunological studies.
Recommended Storage: 4°C

Bovine Serum Albumin (BSA)
Fatty Acid-Free Powder

packaging	Mfr. No
100 g Poly Bottle	BP9704-100

CAS: 9048-46-8

Appearance	Beige to slightly yellow powder
Free fatty acids	<=0.02%
Loss on Drying (at 105°C)	<=5
pH (1% in 0.15M NaCl)	Inclusive between 6.5-7.5
Protein	>=96%
Purity (albumin)	>=98%
Sulfated ash	<=3%

Applications: Immunological studies, Blocking non-specific sites
Description: Purified by a heat shock process with additional treatments; Fatty Acids: <=0.02%.
Recommended storage: 4°C

Bovine Serum Albumin (BSA) — Low Endotoxin Powder

packaging		Mfr. No
100 g	Poly Bottle	BP9705-100

CAS: 9048-46-8

Appearance	Beige to slightly yellow powder
Endotoxin	<=1.0 EU/mg
Heavy metals (as Pb)	<=20 ppm
Loss on Drying (at 105°C)	<=5
pH (1% in 0.15M NaCl)	Inclusive between 6.5-7.5
Purity (albumin)	95%
Sulfated ash	<=2%

Applications: Immunological studies, Blocking non-specific sites
Description: Purified by a heat shock process with additional treatments; Endotoxin: <=0.1 EU/mg.
Recommended storage: 4°C

Bovine Serum Albumin (BSA) — Protease-Free Powder

packaging		Mfr. No
100 g	Poly Bottle	BP9703-100

CAS: 9048-46-8

Appearance	Off-white crystalline powder
Heavy metals (as Pb)	=<10 ppm
Loss on Drying (at 105°C)	<=5
pH (1% in 0.15M NaCl)	Inclusive between 6.8-7.2
Protein	>=96%
Purity (albumin)	>=98%
Sulfated ash	<=2%

Applications: Immunological studies, Blocking non-specific sites
Description: Purified by a heat shock process; Protease-Free.
Recommended storage: 4°C

Sulfosalicylic Acid Dihydrate
Fine White Crystals

packaging		Mfr. No
500 g	AmberGlass	BP177-500

$C_7H_6O_6S.2H_2O$
CAS: 5965-83-3
MW: 254.22
H314, H302
P301+P330+P331, P280, P305+P351+P338, P310, P303+P361+P353

Assay	99.0-101.0%
Chloride (Cl)	<=0.001%
Heavy Metals (Pb)	<=0.002%
Insoluble matter	<=0.02%
Iron	<=0.001%
Residue after ignition	<=0.1%
Salicylic Acid (HOC_6H_4COOH)	<=0.04%
Sulfate (SO_4)	To pass test (about 0.02%)

Applications: Sulfosalicylic Acid is used for fixing proteins in agarose and polyacrylamide gels.
Recommended Storage: RT
UN 2585; DOT Class 8:Corrosive

p-Nitrophenyl Phosphate Disodium Salt, Hexahydrate

packaging		Mfr. No
500 mg	AmberGlass	BP2534-500
1 g	AmberGlass	BP2534-1
5 g	AmberGlass	BP2534-5
10 g	AmberGlass	BP2534-10
50 g	AmberGlass	BP2534-50

$C_6H_4NNa_2O_6P.6H_2O$ EINECS: 224-246-5
CAS: 4264-83-9
MW: 371.13

Assay	>99%
description	Pale Yellow Crystalline Powder
Free p-Nitrophenol	0.005%
Water Content (Hexahydrate)	27-31%

Applications: p-Nitrophenyl Phosphate is suitable for use as a substrate for alkaline and acid phosphatase.
Recommended Storage: Store below 0°C

2.2,2-Trifluoroethanol — Peptide Synthesis

packaging		Mfr. No
100 mℓ	AmberGlass	BP622-100

$C_2H_3F_3O$
CAS: 75-89-8
MW: 100.04
EINECS: 200-913-6
H226, H315, H318, H302, H312, H332, H361f
P280, P301+P351+P338, P310, P302+P352, P301+P312, P304+P340, P210

Assay	>=99%
Boiling Range	74°-78°C
Water	<=0.1%

Applications: Trifluoroethanol is often used in peptide synthesis procedures.
Recommended Storage: RT
UN 1992; DOT Class 3:Flammable Liquid

Cacodylic Acid
Crystalline

packaging		Mfr. No
100 g	PolyBottle/PoisonPack	BP324-100

$C_2H_7AsO_2$
CAS: 75-60-5
MW: 138.01
EINECS: 200-883-4
H331, H301, H410
P301+P310, P304+P340, P273

Assay (dry basis)	>=99%
IR	Conforms to standard
Melting Point	195°-196°C
Solubility (10g/100mℓ H_2O)	Clear and colorless

Applications: Cacodylic Acid is used in buffers for DNA sequencing and recombinant DNA procedures.
Recommended Storage: RT
UN 1572; DOT Class 6.1:Poison

Dansyl Chloride
Crystalline (Yellow)

packaging		Mfr. No
1 g	AmberGlass	BP427-1

$C_{12}H_{12}ClNO_2S$
CAS: 605-65-2
MW: 269.75
H302, H314, EUH029
P301+P330+P331, P280, P305+P351+P338, P310, P402+P404, P301+P312

Assay	>=99.0%

Applications: Dansyl Chloride is a fluorochrome useful in the detection of N-terminal amino acids in proteins and peptides.
It is also used in the preparation of fluorescent derivatives of amino acids.
Recommended Storage: 0°C
UN 1759; DOT Class 8:Corrosive