

Chemicals

<i>Chemical</i>	<i>symbol</i>	<i>Purity%</i>	<i>Origin</i>
Acetylene gas	C_2H_2	99.97	KSA(Jazan industrial gases)
Ammonium sulfate	$(NH_4)_2SO_4$	96	UK(BDH)
Acrylamide	C_3H_5NO	96	Switzerland(Fluka)
Ammonium persulfate	$(NH_4)_2S_2O_8$	98	UK(BDH)
Acetic acid	CH_3COOH	96	Germany Fisher chemical
Bis acrylamide	$C_7H_{10}N_2O_2$	96	Switzerland(Fluka)
Bovine serum albumin(BSA)		95	Sigma – Aldrich chemical
Copper stock solution (1000 ppm)	Cu	99	Switzerland(Fluka)
Coomassie brilliant blue R 250	$C_{47}H_{50}N_3NaO_7S_2$	99	UK(BDH)
Dipotassium hydrogen phosphate	K_2HPO_4	96	Germany(Merk – Darmstadt)
DEAE Sepharose CL6B		20	(Pharmacia)USA
Disodium hydrogen phosphate	$Na_2HPO_4 \cdot 2H_2O$	96	Germany(Merk – Darmstadt)

Ethylene diamine tetra acetic acid disodium	EDTA Na ₂	87	Switzerland(Fluka)
Ethanol	C ₂ H ₅ OH	(99 and 70	Switzerland (Fluka)
Glacial acetic acid	CH ₃ COOH	99	Germany Fisher chemical
Glycine	NH ₂ CH ₂ COOH	99	UK(BDH)
Hypochloric acid	HClO ₄	99.99	Switzerland (Fluka)
Hydrochloric acid	HCl	99.99	UK(BDH)
Methanol	CH ₃ OH	99	UK(BDH)
N,N,N',N'—Tetramethylethylenediamine	TEMED	95	INDIA (HIMEDIA)
Nitric acid	HNO ₃	99.99	Germany (Fischer)
Prestained Protein Ladder V			USA(Geneaid)
Pyrogallol	C ₆ H ₆ O ₃	96	Switzerland(Fluka)
Sodium acetate	C ₂ H ₃ NaO ₂	99	UK(BDH)
Sodium Borohydride	NaBH ₄	95	UK(RDH)
Sulfuric acid	H ₂ SO ₄	96	UK(BDH)
Selenium stock solution (1000 ppm)	Se	99	Switzerland(Fluka)
Sodium chloride	NaCl	96	Germany(Merk Darmstadt)
Sodium hydroxide	NaOH		UK(BDH)

Sodium dodecyl sulfate(SDS)	$\text{CH}_3(\text{CH}_2)_{11}\text{OSO}_3\text{Na}$.	99	UK(BDH)
Sodium carbonate	Na_2CO_3	99	UK(BDH)
Total protein kit			France(Bio LABOSA)
Zinc stok solution (1000 ppm)	Zn	99	Switzerland(Fluka)
Tris bace		99	UK(BDH)
2-mercaptoethanol	$\text{HOCH}_2\text{CH}_2\text{SH}$	99	Fisher chemical