

LOT: 2 Laboratory chemicals**General Requirements for all chemicals:**

- A. Should be labeled with:
 - 1. Manufacturer Name and address
 - 2. Manufacturing date
 - 3. Expiry date
 - 4. Lot no./Batch No/product identifier
 - 5. CAS No.
 - 6. Safety, precaution and hazard level with signal word (warning and hazard statement) Signal words used to indicate the relative level of severity of the hazard and precaution to be taken
 - 7. Pictogram and hazard
 - 8. Purity of the chemical
 - 9. Molecular formula of the chemicals
 - 10. Molecular Mass of the molecules
 - 11. Pack size
- B. SMDS should be supplied for each pack/chemicals
- C. Certificate of Analysis should be provided for each chemicals
- D. Sample primary labeling.
- E. Should be supplied being transported according to storage condition
- F. The bid should specify chemical grade and quantity clearly
- G. The packaging system should protect the product stability to its shelf life

Serial No.	Items	CAS Number	Synonym	Packing	Unit	Quantity
1	<i>N,N</i> -Diethyl- <i>m</i> -toluamide analytical standard	134-62-3	DEET	250mg	vial	5
2	1-Chloro-4-nitrobenzene 99%	100-00-5	1-Chloro-4-nitrobenzene 99%	100g	Bottle	4
3	1-Hexanesulfonic acid sodium salt 50 gram , ACS Reagent	207300-91-2	Sodium 1-hexanesulfonate monohydrate	500g	Bottle	5

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4	1-Propanol, AR of 2.5liter	71-23-9	Propyl alcohol	1L	Bottle	5
5	2-Aminoheptane 99%	123-82-0	1-Methylhexylamine, 2-Heptylamine	100gm	Bottle	2
6	2,6-Dichloroquinone-4-chloroimide for spectrophotometric det. of vitamin B6, $\geq 99.0\%$	101-38-2	<i>N</i> ,2,6-Trichloro- <i>p</i> -benzoquinoneimide, Gibb's reagent	50gm	Bottle	1
7	2-Propanol, HPLC grade, 2.5 L	67-63-0	Isopropyl Alcohol, propan-2-ol	2.5L	Bottle	10
8	Acetonitrile, HPLC grade	75-05-8	Acetonitrile	2.5 L	Bottle	200
9	Acetophenone puriss. p.a., $\geq 99.0\%$	98-86-2	Methyl phenyl ketone	250ml	Bottle	2
10	Acid blue 92,, AR of 50g	3861-73-2	Acid Blue A; Anazolene Sodium	50g	bottle	2
11	Aluminum sulphate Hexadecahydrate, AR of 100g	16828-11-8	Aluminum sulphate	1kg	Bottle	3
12	Ammonium acetate for analysis ACS, Reagent. Ph Eur	631-61-8	CH ₃ CO ₂ NH ₄	1kg	Bottle	3
13	Ammonium nitrate ACS reagent, $\geq 98\%$	6484-52-2	NH ₄ NO ₃	500gm	Bottle	4
14	Ammonium thiocyanate ACS reagent, $\geq 97.5\%$	1762-95-4	Ammonium rhodanide	500gm	Bottle	4
15	Arsenic(III) oxide ACS reagent	1327-53-3	Arsenic trioxide, Arsenous acid	125gm	Bottle	2
16	Barium chloride 99.9% trace metals basis	10361-37-2	Dichlorobarium	250gm	Bottle	2
17	4-Chloro-1-butanol technical grade, $\sim 85\%$	928-51-8	Tetramethylene chlorohydrin	250ml	Bottle	2
18	Chloroform analytical grade,	67-66-3	Chloroform analytical grade,	1 L	Bottle	8
19	Aluminum sulphate Hexadecahydrate, AR of 100g	16828-11-8	Aluminum sulphate	1kg	Bottle	3
20	Cobalt (II) Chloride 97%	7646-79-9	Cobalt dichloride, Cobalt muriate, Cobaltous chloride, Dichlorocobalt	500gm	Bottle	2
21	Cobalt (II) nitrate hexahydrate	10026-22-9	Cobaltous nitrate .6H ₂ O, Cobaltous nitrate, Nitric acid, Cobalt (II) salt	500gm	Bottle	2

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	ACS reagent, ≥98%					
22	Dicyclohexylamine 99%	101-83-7	(C ₆ H ₁₁) ₂ NH	500gm	Bottle	2
23	Diethyl phthalate ≥99%	84-66-2	Diethyl phthalate ≥99%	1kg	Bottle	2
24	Digoxigenin analytical standard	1672-46-4	3β,12β,14β,21-Tetrahydroxy-20(22)-norcholenic acid lactone, 3β,12β,14-Trihydroxy-5β,20(22)-cardenolide, 5β,20(22)-Cardenolide-3β,12β,14-triol, Lanadigigenin	100mg	Bottle	2
25	Dimethyl phthalate ≥99%	131-11-3	DMP	1kg	Bottle	2
26	Di-Sodium Hydrogen Orthophosphate, Anhydrous, 1kg, AG	7558-79-4	Sodium Phosphate, Dibasic, Anhydrous	1kg	Bottle	5
27	Formic acid A reagent grade >95.0%	64-18-6	Methanoic acid; Formylic acid; Aminic acid	500ml	Bottle	10
28	Ethyl alcohol, Pure ACS Spectrophotometric grade, 95.0%	64-17-5	Ethanol, absolute alcohol, non-denatured ethanol	1L	Bottle	15
29	Hexane for HPLC, ≥97.0%	110-54-3	n-Hexane	1 L	Bottle	5
30	Holmium (III) oxide ≥99.9% (rare earth content, expressed as Ho ₂ O ₃)	12055-62-8	Rare earth	50g	Bottle	6
31	Holmium perchlorate solution 10%, AG		Holmium perchlorate	10%	Bottle	5
32	Hydrochloric acid, 37%, ACS Reagent, bottle of 1 liters	7647-01-0	HCl	1Liter	Bottle	10
33	Karl Fischer Reagent Single Solution Pyridine Free 2mg/ML, max. 0.01% H ₂ O Aquastar™	67-56-1	MeOH, Hydroxymethane, Methyl alcohol, Carbinol	1L	Bottle	4
34	Lithium chloride for analysis ACS,	7447-41-8	LiCl	100gm	Bottle	2

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	Reagent. Ph Eur					
35	Methanol 2.5 L HPLC grade	67-56-1	methyl alcohol	2.5L	Bottle	200
36	Naphthalene - 99%	91-20-3		25gm	Bottle	4
37	Perchloric acid ACS reagent, 60%	7601-90-3	PCA			
38	Phenol GR for analysis ACS, Reagent	108-95-2	Hydroxybenzene	250g	Bottle	6
39	Phosphoric Acid, 1L, AG	7664-38-2	orthophosphoric acid	1L	Bottle	4
40	Decaethylene glycol mono•dodecyl ether nonionic surfactant	9002-92-0	polyoxyethylene (10) lauryl ether	1kg	Bottle	2
41	Potassium bromide FT-IR grade, ≥99% trace metals basis	7758-02-3	KBr	100gm	Bottle	3
42	Potassium Dichromate, Crystal 500g, AG	7778-50-9	Potassium Dichromate	500g	Bottle	4
43	Potassium Iodate ACS reagent, 99.5%	7758-05-6		500g	Bottle	4
44	Potassium Phosphate, Monobasic, Crystal 2.5kg, AG	7778-77-0	potassium dihydrogen phosphate	2.5kg	Bottle	10
45	Potassium Phosphate, Dibasic, 1kg, AG	7758-11-4	dipotassium hydrogen phosphate	1kg	Bottle	4
46	Silver nitrate ACS reagent, ≥99.0%	7761-88-8	Nitric acid silver(I) salt	500gm	Bottle	3
47	Sodium barbital, Pack of 100g, AG	144-02-5	5,5-diethyl barbiturate	100gm	Bottle	5
48	Sodium acetate anhydrous for analysis EMSURE® ACS, Reag. Ph Eur	127-09-3	Acetic acid sodium salt, Sodium acetate	1kg	Bottle	5
49	Sodium Dihydrogen Orthophosphate, AG	13472-35-0	Sodium Phosphate, Monobasic, Dihydrate	500g	Bottle	6
50	Sodium hydroxide, Pellets 1 kg, AG Assay :95-100.5 %	1310-73-2	Sodium hydroxide	1kg	Bottle	7
51	Sodium Nitrite ACS reagent, ≥97.0%	7632-00-0	NaNO ₂	1kg	Bottle	3
52	Sodium Oxalate, 500g, AG	62-76-0	Ethanedioic acid sodium salt, Oxalic acid disodium salt	500g	Bottle	4
53	Sodium Phosphate, Tribasic, 12- Hydrate 1 kg, AG	10101-89-0	tri-Sodium orthophosphate 12-Hydrate	1kg	Bottle	2

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54	Sodium Thiosulfate, 5-Hydrate, Crystal, 500 gm, AG	10102-17-7	Sodium Hyposulfite	500g	Bottle	5
55	Talc powder, 10 µm	14807-96-6	Hydrous magnesium silicate	2.5kg	Bottle	10
56	tert-Butanol for analysis ACS, Reagent. Ph Eur	75-65-0	tert-Butyl alcohol, 2-Methyl-2-propanol, Trimethylcarbinol	500ml	Bottle	5
57	Tetrahydrofuran HPLC grade (Contains No Preservative Meets ACS Specifications For Use in Liquid Chromatography and Spectrophotometry)	109-99-9	Tetrahydrofuran	1L	Bottle	4
58	Thymidine ≥99%	50-89-5	1-(2-Deoxy-β-D-ribofuranosyl)-5-methyluracil, 1-(2-Deoxy-β-D-ribofuranosyl)thymine, 2'-Deoxythymidine, Thymine deoxyriboside, dT	25gm	Bottle	2
59	Toluene, HPLC Grade, (Toluol), Meets ACS Specifications Assay (C ₆ H ₅ CH ₃) (by GC), amber glass bottle	108-88-3	Toluol methylbenzene; methylbenzol; Phenylmethane; Benzene, methyl-;	1L	Bottle	2
60	Triethylamine ≥99%	121-44-8	<i>N,N</i> -Diethylethanamine, TEA	500ml	Bottle	5
61	Uracil, >99%	66-22-8	2,4(1 <i>H</i> ,3 <i>H</i>)-Pyrimidinedione, 2,4-Dihydropyrimidine, 2,4-Pyrimidinediol	100G	Bottle	3
62	Water Standard 1.0 , 40 ml, AG		Water Standard	40 ml	Bottle	6
63	Sodium hydroxide solution, 0.1N <ul style="list-style-type: none"> 0.1 M solution bacteria free (<1 Bacteria (CFU/ml)), pyrogen free (<0.03 Endotoxin (EU/ml)), RNase-free (< 0.01 	CAS [1310-73-2]		500 ml	bottle	5

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	ng/mL) and DNase-free (< 4 pg/μL) EC Number 215-185-5 Purity ≥98.0%					
64	Hydrochloric acid solution, 0.1N, endotoxin free			100 ml	bottle	7
65	LAL Reagent Water <ul style="list-style-type: none"> • Endotoxin-free water (<0.001EU/ml) • Derived from water for injection, USP • Non-LAL reactive 			100 ml	bottle	100
66	Sodium thiosulfate; assay ≥99% ,	7772-98-7 10102177 (pentahydrate)		250 gm	bottle	2