

ANNEXURE-IV (B) - LIQUID CHEMICALS

SCHEDULE OF REQUIREMENTS AND PRICE SCHEDULE

Sl. No.	Type	Item Description	UoM	PackSize/Specif ication	Prefered Make, Catalogue, Specifications	Grade	BASIC UNIT PRICE (in INR)	TAX %	TOTAL UNIT PRICE (INCLUSIVE OF TAX) (in INR)
1	Chemicals	1,4-Dioxan	mL	250mL	Merck/ Sigma/ Equivalent make	AR			
2	Chemicals	1-Naphthol	ml	50ml	Merck/ Sigma/ Equivalent make	AR			
3	Chemicals	2% Haemoglobin solution	ml	500ml	Himedia				
4	Chemicals	2-mercaptoethanol	mL	25ml	Merck/ Sigma/ Equivalent make	AR			
5	Chemicals	2-Phenoxy ethanol	mL	250ml	Merck/ Sigma/ Equivalent make	AR			
6	Chemicals	2-Propanol	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
7	Chemicals	2X MEM	mL	500ml	Sigma/Himedia				
8	Chemicals	3-Methyl -2-benzothizone hydrazone hydrochloride	mL	10g	Merck/ Sigma/ Equivalent make	AR			
9	Chemicals	4-Nitrophenol	ml	100ml	Merck/ Sigma/ Equivalent make	AR			
10	Chemicals	50% Sodium hydroxide	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
11	Chemicals	70% IPA	ml	500ml	Merck/ Sigma/ Equivalent make	AR			
12	Chemicals	Absolute ethanol	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
13	Chemicals	Acetic acid	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
14	Chemicals	Acetic anhydride	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
15	Chemicals	Acetone	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
16	Chemicals	Acetonitrile	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
17	Chemicals	Acetonitrile HPLC Grade, Mobile phase for HPLC applications	ml	2500ml	A998-212 Fisher				
18	Chemicals	Acetylacetone reagent	mL	250ml	Merck/ Sigma/ Equivalent make	AR			
19	Chemicals	Ammonia solution	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
20	Chemicals	Benzene	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
21	Chemicals	Benzyl Alcohol	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
22	Chemicals	Betapropiolactone 98% pure	mL	5ml	Sigma/Fisher scientific/Himedia				
23	Chemicals	Biuret	mL	110ml	Merck/ Sigma/ Equivalent make	AR			
24	Chemicals	Bromine	mL	250ml	Merck/ Sigma/ Equivalent make	AR			
25	Chemicals	Bromo cresol green	mL	1g	Merck/ Sigma/ Equivalent make	AR			
26	Chemicals	Bromo cresol Purple	mL	25g	Merck/ Sigma/ Equivalent make	AR			
27	Chemicals	Bromo Thymol Blue	mL	5g	Merck/ Sigma/ Equivalent make	AR			
28	Chemicals	Bromothymol blue solution Ready to use	mL	5g	Merck/ Sigma/ Equivalent make	AR			
29	Chemicals	Butyl Alcohol	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
30	Chemicals	Calcon carboxylic acid	mL	5g	Merck/Qualigen/Sigma/SDFine/Sisco	AR			
31	Chemicals	Carbinol HPLC	mL	2500ml					
32	Chemicals	Carbon disulfide	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			

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33	Chemicals	Carbon Tetra chloride	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
34	Chemicals	Cell cryopreservation Medium (serum Type)	mL		Sigma/Himedia/Thermofisher				
35	Chemicals	Cellufine sulfate	mL	500ml	Product code19846 JNC Corporation(Proprietary)				
36	Chemicals	Chloroform	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
37	Chemicals	Conc. Hydrochloric acid 37%	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
38	Chemicals	Conc. Nitric acid 68-70%	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
39	Chemicals	Conc. Sulphuric acid 98%	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
40	Chemicals	Copper Sulphate	ml	1000ml	Merck/ Sigma/ Equivalent make	AR			
41	Chemicals	Cromic acid	ml	1000ml	Qualigens				
42	Chemicals	Cyclo hexanone	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
43	Chemicals	Dettol	ml	500ml	Reckit & benkiser				
44	Chemicals	Deuterium oxide	mL	25ml	Sigma 151882				
45	Chemicals	Di Chloro methane	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
46	Chemicals	Dichloromethane	ml	500ml	Fischer Scientific 23075				
47	Chemicals	Diethyl Ether	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
48	Chemicals	Dimethyldichlorosilane	mL	250ml		LR			
49	Chemicals	DMSO(Cell cuture tested)	mL	250ml	Merck/ Sigma/ Equivalent make	AR			
50	Chemicals	Eosin	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
51	Chemicals	Ethanol	ml	2500ml	Merck 1009832500				
52	Chemicals	Ethanol	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
53	Chemicals	Ethanol 96%	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
54	Chemicals	Ethyl Acetate	mL	250ml	Merck/ Sigma/ Equivalent make	AR			
55	Chemicals	Ethylene Glycol	mL	500ml	Merck 1009490521	AR			
56	Chemicals	Ethylene glycol (HPLC grade)	ml	500ml	MERCK/SIGMA	HPLC grade			
57	Chemicals	Eucalyptus oil	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
58	Chemicals	Extran - Phosphate free.	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
59	Chemicals	Ferrion Indicator	mL	50ml	Merck/ Sigma/ Equivalent make	AR			
60	Chemicals	Fluid Thioglycollate Medium in tubes and bottles(Ready to use)	mL	500ml	Himedia/BD				
61	Chemicals	Foetal bovine serum - Heat inactivated.	mL	100ml	Sigma/Serana/Hyclone/Thermofisher/Hi media/Bio-west				
62	Chemicals	Foetal bovine serum -Gamma irradiated	mL	500ml	Sigma/Serana/Hyclone/Thermofisher/Hi media/Bio west				
63	Chemicals	Folin Ciocalteu reagent	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
64	Chemicals	Formaldehyde	mL	500ml	Merck/RANKEM/Qualigens	AR			
65	Chemicals	Formic Acid	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
66	Chemicals	Giemsa stain	mL	100ml	Merck/ Sigma/ Equivalent make				

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67	Chemicals	Glycerin 85%	ml	500ml	Merck/ Sigma/ Equivalent make	AR			
68	Chemicals	Glycerol	ml	500ml	Merck/Finar/Qualigens/Sigma/Himedia MB060	MB grade/AR			
69	Chemicals	Hexamine (Methenamine)	mL	100g	Merck/ Sigma/ Equivalent make	AR			
70	Chemicals	Hexane UV STD	ml	2500ml	Merck/ Sigma/ Equivalent make	UV STD			
71	Chemicals	Holmium Perchloride Standard Solution	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
72	Chemicals	Human Albumin 20% - Injectable	mL	500ml	Alburel(Relaince Lifesciences)/Baxter				
73	Chemicals	Hydriodic acid 57%	mL	250ml	Merck/ Sigma/ Equivalent make	AR			
74	Chemicals	Hydrobromic acid 47-48%	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
75	Chemicals	Hydroflouric acid 48%	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
76	Chemicals	Hydrogen peroxide 30%	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
77	Chemicals	Iso amyl alcohol	mL	500ml	Merck/ Sigma/ Equivalent make	LR			
78	Chemicals	Iso Octane	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
79	Chemicals	Kovacs Indole reagent	mL	500ml	Merck/ Sigma/ Himedia/Equivalent make				
80	Chemicals	Labolene	mL	500ml	Fisher Scientific 42215				
81	Chemicals	Labolene soap solution	mL	500ml	Merck				
82	Chemicals	Lactophenol Cotton Blue stain	mL	500ml	Himedia				
83	Chemicals	Liquid Parafin Heavy	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
84	Chemicals	Liquid Parafin Light	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
85	Chemicals	Lobolene	mL	500ml	Fisher Scientific				
86	Chemicals	m-cresol	mL	1ml	Merck/ Sigma/ Equivalent make	AR			
87	Chemicals	MEM Eagle with sodium pyruvate and sodium bicarbonate	mL	500ml	Sigma/Himedia				
88	Chemicals	Methanol	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
89	Chemicals	Methanol Dried	mL	1000ml	Merck/ Sigma/ Equivalent make	AR			
90	Chemicals	Methanol HPLC grade	ml	2500ml	Merck/ Sigma/ Equivalent make	HPLC grade			
91	Chemicals	Methyl iso butylketone	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
92	Chemicals	Methyl red solution Ready to use	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
93	Chemicals	Methyl Violet	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
94	Chemicals	Methylene Blue	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
95	Chemicals	Methylene orange	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
96	Chemicals	N,N Dimethylalanine	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
97	Chemicals	n-Butanol	mL	500ml	Merck/ Sigma/ Equivalent make				
98	Chemicals	Nessler Reagent	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
99	Chemicals	New born calf serum	mL	500ml	Sigma/Serana/Hyclone/Thermofisher/Himedia/Bio west				

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100	Chemicals	New born calf serum (NBCS)- 500 mL, Heat Inactivated, Australian origin	ml	500ml	Hyclone/Serana/Sigma/Himedia/Bio west				
101	Chemicals	N-Heptane	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
102	Chemicals	n-Hexane	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
103	Chemicals	Nitro Benzene	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
104	Chemicals	N-N, Dimethyl formamide	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
105	Chemicals	n-Octane	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
106	Chemicals	Octanol	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
107	Chemicals	Oil of Olive	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
108	Chemicals	Ortho Phosphoric acid	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
109	Chemicals	Perchloric acid	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
110	Chemicals	Perchloric acid 70-72%	ml	2500ml	Merck/ Sigma/ Equivalent make	AR			
111	Chemicals	Petroleum benzene	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
112	Chemicals	pH buffers 10	mL	500ml	Merck/Qualigen/Sigma/Thermoscientific / Equivalent make				
113	Chemicals	pH buffers 4	mL	500ml	Merck/Qualigen/Sigma/Thermoscientific / Equivalent make				
114	Chemicals	pH buffers 7	mL	500ml	Merck/Qualigen/Sigma/Thermoscientific / Equivalent make				
115	Chemicals	Phenol Red	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
116	Chemicals	Phenolphthetin indicator	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
117	Chemicals	Phenyl Hydrazine	mL	100g	Merck/ Sigma/ Equivalent make	AR			
118	Chemicals	propanaol	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
119	Chemicals	Pyridine	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
120	Chemicals	Salicylaldehyde	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
121	Chemicals	Saturated phenol	mL	500ml	Merck/equivalent	AR			
122	Chemicals	Sepharose CL-4B	mL	500ml	GE 17015001				
123	Chemicals	Shaeffer fulton stain	ml	100ml	Himedia				
124	Chemicals	Silicon Antifoaming Agent (Nonionic)	mL	500ml	Loba Chem 0571700100				
125	Chemicals	Sodium Hypochlorite	mL	1000ml	Merck	AR			
126	Chemicals	Sodium hypochlorite 10 -14%	mL	2500ml	Merck/ Sigma/ Equivalent make	AR			
127	Chemicals	Soyabean Casein Digest Medium in tubes and bottles(Ready to use)	mL	500ml	Himedia/BD				
128	Chemicals	Sulfuric acid 98%	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
129	Chemicals	Sulfuric acid(Nitrogen Free)	ml	1000ml	Merck/ Sigma/ Equivalent make	AR			
130	Chemicals	TEMED (N, N, N', N'-tetramethylethylenediamine)	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
131	Chemicals	Thioglycolic acid	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
132	Chemicals	Thymol Blue	mL	100ml	Merck/ Sigma/ Equivalent make	AR			

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133	Chemicals	Thymolphthalin	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
134	Chemicals	Toluene	mL	2500ml	Merck 1070190521	AR			
135	Chemicals	Tri ethylamine	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
136	Chemicals	Tri Fluro Aceticacid	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
137	Chemicals	Triethylamine	mL	100ml	Merck 8083520521				
138	Chemicals	Triton X	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
139	Chemicals	Trypan Blue 0.4% suitable for cell culture	mL	500ml	Merck/ Sigma/ Equivalent make/Fisher scientific/Himedia	AR			
140	Chemicals	Trypsin 10x concentrate	mL	500ml	Hyclone/Serana/Bio-west/Sigma/Himedia				
141	Chemicals	Trypsin- EDTA solution 10 X.	mL	500ml	Hyclone/Serana/Bio-west/Sigma/Himedia				
142	Chemicals	Trypsin Versene Glucose	mL	500ml	Hyclone/Serana/Bio-west/Sigma/Himedia				
143	Chemicals	Trypsin10X,2.5%	mL	500ml	Hyclone/Serana/Bio-west/Sigma/Himedia				
144	Chemicals	Trypsin-EDTA 1X concentrate	mL	500ml	Hyclone/Serana/Bio-west/Sigma/Himedia				
145	Chemicals	Tween-20	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
146	Chemicals	Tween-80	mL	500ml	Merck/ Sigma/ Equivalent make	AR			
147	Chemicals	Xylene	mL	100ml	Merck/ Sigma/ Equivalent make	AR			
148	Chemicals	Conductivity standard 1 micro Siemens	ml	500ml	Thermoscientific/Scientific				