



NETAJI SUBHAS OPEN UNIVERSITY

Department of Finance

H.Q.: DD-26, Salt Lake, Sector-I, Kolkata – 700 064

Website: www.wbnsou.ac.in

Finance- (033) 4066 3200

Memo No.AC/652

Date: 08.03.2016

Sealed quotations for the following laboratory reagents, chemicals and apparatus are invited from the reputed vendors / marketing agents/ service agents/ dealers for equipment of Chemistry Laboratory at Academic Building (1st Floor), School of Sciences (SoSci) at Kalyani Campus of the University. Indicate brand name with detailed specification for all of the instruments.

List of reagents, chemicals and apparatus

Chemicals Brand: Aldrich, Merck, Spectrochem, CDH, SRL, SDFine

Sl. No.	Items	Specification if any	Packaging amount	Rate per packaging unit
1	Liquid Nitrogen Containers (Cryo Can)	10 litre capacity	Per unit	
2	Eyela aspirator vacuum pump (AC input 230 V)	Model- Z675733 ALDRICH H	Per unit	
3	Suba-Seal septa (red rubber)	ALDRICH Brand for 14 joint	1 Packet	
4	Heating mantle	250 mL capacity	Per unit	
5	Double blue glass (2" x 2")		Per unit	
6	Burette clamp (Teflon)		Per unit	
7	Burette stand (Teflon)		Per unit	
8	Flask Volumetric (Borosil)	100 mL	Per unit	
9	Flask Volumetric (Borosil)	250 mL	Per unit	
10	Flask Volumetric (Borosil)	500 mL	Per unit	
11	Filtering Funnel 3" (Glass)		Per unit	
12	Filtering Funnel 6" (Glass)		Per unit	
13	Filtering Funnel 6" (Teflon)		Per unit	
14	Petri dish	100 × 15 mm	Per unit	
15	Spirit lamp		Per unit	
16	Hot air Gun (normal hair dryer)		Per unit	



17	Glacial Acetic Acid (CH ₃ COOH)	AR/LR Grade	2.5 litre	
18	conc.Hydrochloric Acid (HCl)	AR/LR Grade	2.5 litre	
19	Hydrobromic Acid (HBr)	AR/LR Grade	500 mL	
20	Hydrofluoric Acid (HF)	AR/LR Grade	500 mL	
21	Hydrocyanic Acid (HCN)	AR/LR Grade	500 mL	
22	conc.Nitric Acid (HNO ₃)	AR/LR Grade	2.5 litre	
23	Fuming Nitric Acid (HNO ₃)	AR/LR Grade	500 mL	
24	Hypochlorous Acid (HOCl)	AR/LR Grade	500 mL	
25	Oxalic Acid	AR/LR Grade	500 gm	
26	conc.Phosphoric Acid (H ₃ PO ₄)	AR/LR Grade	500 mL	
27	conc.Sulphuric Acid (H ₂ SO ₄)	AR/LR Grade	2.5 litre	
28	p-toluenesulphonic acid (p-TsOH)	AR/LR Grade	500 mL	
29	Liquor Ammonia (NH ₃)	AR/LR Grade	2.5 litre	
30	Ammonium Acetate	AR/LR Grade	500 gm	
31	Ammonium Carbonate ((NH ₄) ₂ CO ₃)	AR/LR Grade	500 gm	
32	Ammonium Chloride (NH ₄ Cl)	AR/LR Grade	500 gm	
33	Ammonium Molybdate	AR/LR Grade	500 gm	
34	Ammonium Oxalate	AR/LR Grade	500 gm	
35	Ammonium Sulphate ((NH ₄) ₂ SO ₄)	AR/LR Grade	500 gm	
36	Ceric ammonium nitrate (CAN)	AR/LR Grade	500 gm	
37	Sulphur powder	AR/LR Grade	500 gm	
38	Potassium Hydroxide (KOH)	AR/LR Grade	500 gm	
39	Cupric Acetate [Cu(OAc) ₂]	AR/LR Grade	500 gm	
40	Barium Chloride (BaCl ₂)	AR/LR Grade	500 gm	
41	Cupric sulphate (CuSO ₄ .5H ₂ O)	AR/LR Grade	500 gm	
42	Sodium carbonate (anhy)	AR/LR Grade	5 kg	
43	Sodium Citrate	AR/LR Grade	500 gm	



44	Anhydrous Sodium sulphate	AR/LR Grade	5 kg	
45	Sodium hydroxide (NaOH)	AR/LR Grade	500 gm	
46	Sodium hydride (NaH)	AR/LR Grade	100 gm	
47	Calcium hydride (CaH ₂)	AR/LR Grade	100 gm	
48	Sodium amide (NaNH ₂)	AR/LR Grade	100 gm	
49	Liquid Bromine (Br ₂)	AR/LR Grade	500 mL	
50	Potassium Bromide (KBr)	AR/LR Grade	500 gm	
51	Potassium bromate (KBrO ₃)	AR/LR Grade	500 gm	
52	Calcium Chloride (anhy)	AR/LR Grade	500 gm	
53	Calcium oxide (CaO)	AR/LR Grade	500 gm	
54	Cobalt Nitrate	AR/LR Grade	100 gm	
55	Chromium Oxide (CrO ₃)	AR/LR Grade	500 gm	
56	2,4-Dinitrophenylhydrazine	AR/LR Grade	500 gm/mL	
57	Sodiumhydrogensulphate (NaHSO ₄)	AR/LR Grade	500 gm	
58	Potassium permanganate (KMnO ₄)	AR/LR Grade	500 gm	
59	Potassium dichromate (K ₂ Cr ₂ O ₇)	AR/LR Grade	500 gm	
60	Mercury(II) oxide (HgO)	AR/LR Grade	100 gm	
61	Aluminium oxide (Al ₂ O ₃)	AR/LR Grade	500 gm	
62	Aluminium hydroxide (Al(OH) ₃)	AR/LR Grade	500 gm	
63	Potassium nitrate (KNO ₃)	AR/LR Grade	500 gm	
64	Potassium carbonate (K ₂ CO ₃)	AR/LR Grade	500 gm	
65	Ferric Chloride (FeCl ₃)	AR/LR Grade	500 gm	
66	Potassium iodide (KI)	AR/LR Grade	500 gm	
67	Iodine (I ₂)	AR/LR Grade	500 gm	
68	Hydrogen Peroxide 30% (w/v)	AR/LR Grade	1 litre	
69	Lead Acetate	AR/LR Grade	500 gm	
70	Anhy. Zinc chloride (ZnCl ₂)	AR/LR Grade	500 gm	



71	Aluminium Chloride Anhydrous	AR/LR Grade	500 gm	
72	Magnesium chloride (MgCl ₂ .2H ₂ O)	AR/LR Grade	500 gm	
73	Hydroxylamine.HCl	AR/LR Grade	500 gm/mL	
74	Magnesium Sulphate (MgSO ₄)	AR/LR Grade	500 gm	
75	Mercury (Hg)	AR/LR Grade	500 gm/mL	
76	Sodium (metal)	AR/LR Grade	500 gm	
77	Phenolphthalein Indicator	AR/LR Grade	250 mL	
78	Methyl Red Indicator	AR/LR Grade	250 mL	
79	Methyl Orange Indicator	AR/LR Grade	250 mL	
80	Bromocresol green indicator	AR/LR Grade	100 gm/mL	
81	Eriochrome Black T (EBT) Indicator	AR/LR Grade	50 gm/mL	
82	Barium diphenylaminesulphonate (BDS) indicator	AR/LR Grade	50 gm/mL	
83	Blue litmas solution	AR/LR Grade	100 mL	
84	Red litmas solution	AR/LR Grade	100 mL	
85	Di sodium ethylenediaminetetraacetic acid (Na ₂ EDTA)	AR/LR Grade	500 gm	
86	Potassium Chromate (K ₂ CrO ₄)	AR/LR Grade	500 gm	
87	Potassium Ferricyanide (K ₃ [Fe(CN) ₆])	AR/LR Grade	500 gm	
88	Potassium Ferrocyanide (K ₄ [Fe(CN) ₆])	AR/LR Grade	500 gm	
89	Potassium Thiocyanate (KSCN)	AR/LR Grade	500 gm	
90	Manganese(II) Sulfate Tetrahydrate (MnSO ₄ .4H ₂ O)	AR/LR Grade	500 gm	
91	Phosphoric acid (H ₃ PO ₄)	AR/LR Grade	500 mL	
92	Disodium phosphate (Na ₂ HPO ₄)	AR/LR Grade	500 gm	
93	Potassium Hydrogen Sulphate (KHSO ₄)	AR/LR Grade	500 gm	
94	Sodium metabisulfite (Na ₂ S ₂ O ₅)	AR/LR Grade	500 gm	
95	Sodium thiosulfate (Na ₂ S ₂ O ₃)	AR/LR Grade	500 gm	
96	Silver chloride (AgCl)	AR/LR Grade	500 gm	
97	Silver nitrate (AgNO ₃)	AR/LR Grade	100 gm	



98	Sodium nitrate (NaNO ₃)	AR/LR Grade	500 gm	
99	Sodium hypochlorite (NaOCl)	AR/LR Grade	500 mL	
100	Sodium Nitroprusside	AR/LR Grade	100 gm	
101	Stannous Chloride (SnCl ₂)	AR/LR Grade	500 gm	
102	Phosphorus pentoxide (P ₂ O ₅)	AR/LR Grade	500 gm	
103	Copper(II) chloride (CuCl ₂)	AR/LR Grade	500 gm	
104	Zn- powder	AR/LR Grade	500 gm	
105	Zn- bead	AR/LR Grade	500 gm	
106	Fe-powder	AR/LR Grade	500 gm	
107	Tin (Sn) metal	AR/LR Grade	500 gm	
108	Molecular shieve	AR/LR Grade	100 gm	
109	Cu-powder	AR/LR Grade	500 gm	
110	Starch	AR/LR Grade	500 gm	
111	Mercuric Chloride (HgCl ₂)	AR/LR Grade	100 gm	
112	Dimethylglyoxime	AR/LR Grade	500 mL	
113	Benzil	AR/LR Grade	100 gm	
114	Benzidine	AR/LR Grade	250 gm	
115	Benzophenone	AR/LR Grade	500 gm	
116	Benzoin	AR/LR Grade	100 gm	
117	Ninhydrin	AR/LR Grade	500 gm	
118	Chloroacetic acid	AR/LR Grade	500 gm/mL	
119	Formic acid	AR/LR Grade	500 mL	
120	Benzoic acid	AR/LR Grade	500 gm	
121	Phthalic acid	AR/LR Grade	500 gm	
122	4-amino benzoic acid	AR/LR Grade	500 gm	
123	4-methoxy benzoic acid	AR/LR Grade	500 gm	
124	4-bromo benzoic acid	AR/LR Grade	500 gm	



125	4-nitrobenzoic acid	AR/LR Grade	500 gm	
126	4-ethylbenzoic acid	AR/LR Grade	500 gm	
127	4-Toluic acid	AR/LR Grade	500 gm	
128	2-Chlorobenzoic acid	AR/LR Grade	500 gm	
129	2-nitrobenzoic acid	AR/LR Grade	500 gm	
130	2-aminobenzoic acid (Anthranilic acid)	AR/LR Grade	500 gm	
131	2-bromobenzoic acid	AR/LR Grade	500 gm	
132	2-Amino-4-chlorobenzoic acid	AR/LR Grade	500 gm	
133	2-Amino-4-methylbenzoic acid	AR/LR Grade	500 gm	
134	2-aminobenzenesulfonic acid	AR/LR Grade	100 gm	
135	4-aminobenzenesulfonic acid	AR/LR Grade	500 gm	
136	2-Iodophenylacetic acid	AR/LR Grade	100 gm	
137	Salicylic acid	AR/LR Grade	500 gm	
138	Citric Acid	AR/LR Grade	500 gm	
139	Tartaric acid	AR/LR Grade	500 gm	
140	Cinnamic acid	AR/LR Grade	500 gm	
141	Succinic acid	AR/LR Grade	500 gm	
142	Adipic acid	AR/LR Grade	500 gm	
143	Phenylacetic acid	AR/LR Grade	100 gm	
144	Vaniline	AR/LR Grade	500 gm	
145	1-Naphthol	AR/LR Grade	500 gm	
146	2-Naphthol	AR/LR Grade	500 gm	
147	Resorcinol	AR/LR Grade	500 gm	
148	Catechol	AR/LR Grade	500 gm	
149	Phenol	AR/LR Grade	500 gm/mL	
150	4-nitrophenol	AR/LR Grade	500 gm/mL	
151	4-bromophenol	AR/LR Grade	500 gm/mL	



152	4-methylphenol (p-cresol)	AR/LR Grade	500 gm/mL	
153	4-ethylphenol	AR/LR Grade	500 gm/mL	
154	4-methoxyphenol	AR/LR Grade	500 gm/mL	
155	4-aminophenol	AR/LR Grade	500 gm/mL	
156	4-fluorophenol	AR/LR Grade	100 gm/mL	
157	4-Methyl-2-nitrophenol	AR/LR Grade	500 gm/mL	
158	3,5-dimethylphenol	AR/LR Grade	500 gm/mL	
159	Ethyl-4-hydroxybenzoate	AR/LR Grade	250 mL	
160	4-Hydroxyacetophenone	AR/LR Grade	500 gm/mL	
161	2-bromophenol	AR/LR Grade	100 gm/mL	
162	2-bromo-4-methylphenol	AR/LR Grade	500 gm/mL	
163	2-nitrophenol	AR/LR Grade	500 gm/mL	
164	2-aminophenol	AR/LR Grade	500 gm/mL	
165	3-aminophenol	AR/LR Grade	500 gm/mL	
166	2-Bromobenzyl alcohol	AR/LR Grade	500 gm/mL	
167	Picric acid	AR/LR Grade	500 gm	
168	Glycerol	AR/LR Grade	500 gm/mL	
169	Hydroquinone	AR/LR Grade	100 gm	
170	Acetaldehyde	AR/LR Grade	500 gm/mL	
171	4-methoxybenzaldehyde	AR/LR Grade	100 gm/mL	
172	4-chlorobenzaldehyde	AR/LR Grade	100 gm/mL	
173	4-fluorobenzaldehyde	AR/LR Grade	100 gm/mL	
174	4-nitrobenzaldehyde	AR/LR Grade	500 gm/mL	
175	4-hydroxybenzaldehyde	AR/LR Grade	500 gm/mL	
176	4-methylbenzaldehyde	AR/LR Grade	500 gm/mL	
177	2-Bromobenzaldehyde	AR/LR Grade	100 gm/mL	
178	Indole-2-carboxaldehyde	AR/LR Grade	100 gm/mL	



179	3,5-dimethylbenzaldehyde	AR/LR Grade	100 gm/mL	
180	4-Nitrotoluene	AR/LR Grade	500 gm/mL	
181	1,3-dinitrobenzene	AR/LR Grade	500 gm/mL	
182	2-Bromobenzyl Bromide	AR/LR Grade	50 gm	
183	Acetanilide	AR/LR Grade	500 gm	
184	1-Naphthylamine	AR/LR Grade	500 gm	
185	2-Naphthylamine	AR/LR Grade	500 gm	
186	Aniline	AR/LR Grade	500 mL	
187	4-nitroaniline	AR/LR Grade	500 gm/mL	
188	4-bromoaniline	AR/LR Grade	500 gm/mL	
189	4-fluoroaniline	AR/LR Grade	500 gm/mL	
190	4-chloroaniline	AR/LR Grade	500 gm/mL	
191	p-Toluidine	AR/LR Grade	500 mL	
192	o-Toluidine	AR/LR Grade	500 gm/mL	
193	4-methoxyaniline	AR/LR Grade	500 gm/mL	
194	4-ethylaniline	AR/LR Grade	500 gm/mL	
195	4-acetylaniline	AR/LR Grade	500 gm/mL	
196	3,5-dimethylaniline	AR/LR Grade	500 gm/mL	
197	2-bromoaniline	AR/LR Grade	100 gm/mL	
198	2-bromo-4-methylaniline	AR/LR Grade	100 gm/mL	
199	2-bromo-4-methoxyaniline	AR/LR Grade	100 gm/mL	
200	2-bromo-4-fluoroaniline	AR/LR Grade	100 gm/mL	
201	2-bromo-4-nitroaniline	AR/LR Grade	100 gm/mL	
202	2-chloroaniline	AR/LR Grade	500 gm/mL	
203	2-nitroaniline	AR/LR Grade	500 gm/mL	
204	2-aminopyridine	AR/LR Grade	100 gm/mL	
205	3-aminopyridine	AR/LR Grade	100 gm/mL	



206	2-Chloro-6-methylaniline	AR/LR Grade	500 gm/mL	
207	4-bromo-2-methylaniline	AR/LR Grade	500 gm/mL	
208	2-methyl-4-nitroaniline	AR/LR Grade	500 gm/mL	
209	Benzyl amine	AR/LR Grade	500 mL	
210	Ethyl amine	AR/LR Grade	1 litre	
211	Methyl amine	AR/LR Grade	1 litre	
212	Benzamide	AR/LR Grade	500 gm	
213	Benzanilide	AR/LR Grade	100 gm	
214	Acetamide	AR/LR Grade	500 gm	
215	Phthalic Anhydride	AR/LR Grade	500 gm	
216	Phthalamide	AR/LR Grade	500 gm	
217	Phthalimide	AR/LR Grade	500 gm	
218	Acetic anhydride	AR/LR Grade	500 mL	
219	Uracil	AR/LR Grade	25 gm	
220	Coumarin	AR/LR Grade	500 gm	
221	quinoline	AR/LR Grade	500 mL	
222	Carbazole	AR/LR Grade	500 gm	
223	Indole	AR/LR Grade	500 gm	
224	Isatin	AR/LR Grade	500 gm	
225	Triphenylphosphine (PPh ₃)	AR/LR Grade	500 gm	
226	Phenylacetylene	AR/LR Grade	50 gm/mL	
227	1-Ethynyl-4-fluorobenzene	AR/LR Grade	50 gm/mL	
228	4-Ethynyltoluene	AR/LR Grade	50 gm/mL	
229	4-Ethynylanisole	AR/LR Grade	50 gm/mL	
230	1-Pentyne	AR/LR Grade	50 gm/mL	
231	Red Phosphorous	AR/LR Grade	500 gm/mL	
232	Tetramethylethylenediamine (TMEDA)	AR/LR Grade	50 mL	



233	Allyl bromide	AR/LR Grade	500 mL	
234	Palladium charcoal (Pd/C)	AR/LR Grade	100 gm	
235	Tetrabutylammonium hydrogensulfate	AR/LR Grade	100 gm	
236	Tetrabutylammonium bromide (TBAB)	AR/LR Grade	100 gm	
237	Thiourea	AR/LR Grade	500 gm	
238	Urea	AR/LR Grade	500 gm	
239	Semicarbazide	AR/LR Grade	500 gm	
240	Boron Trifluoride (BF ₃)	AR/LR Grade	250 mL	
241	Copper(I)cyanide (CuCN)	AR/LR Grade	500 gm	
242	Triethyl phosphate	AR/LR Grade	500 gm/mL	
243	Diethyl malonate	AR/LR Grade	500 gm/mL	
244	Dimethyl malonate	AR/LR Grade	500 gm/mL	
245	Methyl acrylate	AR/LR Grade	500 gm/mL	
246	Acrylic acid	AR/LR Grade	500 mL	
247	Methacrylic acid	AR/LR Grade	500 gm/mL	
248	Ethyl Chloroformate	AR/LR Grade	500 gm/mL	
249	Ethyl acetoacetate	AR/LR Grade	500 gm/mL	
250	Dehydroacetic acid	AR/LR Grade	100 gm/mL	
251	1,10-Phenanthroline	AR/LR Grade	25 gm	
252	Propargyl bromide	AR/LR Grade	100 gm/mL	
253	Propargyl alcohol	AR/LR Grade	1 litre	
254	2-Butyn-1-ol	AR/LR Grade	500 gm/mL	
255	Allyl amine	AR/LR Grade	500 mL	
256	1,4-Diazabicyclo[2.2.2]octane (DABCO)	AR/LR Grade	100 gm	
257	Lithium aluminum hydride (LiAlH ₄)	AR/LR Grade	100 gm	
258	Calcium hydride (CaH ₂)	AR/LR Grade	100 gm	
259	Benzyl chloride	AR/LR Grade	500 mL	



260	2-Chloroacetophenone	AR/LR Grade	100 gm/mL	
261	Indole-3-acetic acid	AR/LR Grade	100 gm	
262	Copper(I) iodide (CuI)	AR/LR Grade	50 gm	
263	Zinc dichloride (ZnCl ₂)	AR/LR Grade	500 gm	
264	Tri(o-tolyl)phosphine	AR/LR Grade	25 gm	
265	N,N- Diisopropylethylamine	AR/LR Grade	100 mL	
266	Sodium cyanoborohydride	AR/LR Grade	100 gm/mL	
267	Triethyl amine	AR/LR Grade	500 mL	
268	Pyridine	AR/LR Grade	500 mL	
269	Diethyl sulphate	AR/LR Grade	1 litre	
270	Dimethyl sulphate	AR/LR Grade	1 litre	
271	Tertiary butanol	AR/LR Grade	1 litre	
272	N-Bromosuccinimide (NBS)	AR/LR Grade	1 kg	
273	Di-tert-butyl dicarbonate (BOC anhydride)	AR/LR Grade	500 gm/mL	
274	4-Dimethylaminopyridine (DMAP)	AR/LR Grade	100 gm	
275	Hydroxylamine hydrochloride	AR/LR Grade	500 gm/mL	
276	Sodium azide (NaN ₃)	AR/LR Grade	100 gm	
277	4-hydroxy coumarine	AR/LR Grade	100 gm/mL	
278	Tosyl chloride	AR/LR Grade	1 kg	
279	Hydrazine hydrate	AR/LR Grade	500 mL	
280	Benzoyl peroxide	AR/LR Grade	100 gm	
281	Benzoyl chloride	AR/LR Grade	500 mL	
282	Phosphorus Oxychloride (POCl ₃)	AR/LR Grade	500 mL	
283	Phosphorus pentachloride (PCl ₅)	AR/LR Grade	500 gm	
284	Oxalyl chloride	AR/LR Grade	500 mL	
285	Thionyl chloride	AR/LR Grade	500 mL	
286	Acetyl chloride	AR/LR Grade	500 mL	



287	Glucose	AR/LR Grade	1 Kg	
288	Sucrose	AR/LR Grade	1 Kg	
289	Indium chloride (InCl ₃)	AR/LR Grade	5 gm	
290	Palladium(II) chloride (PdCl ₂)	AR/LR Grade	10 gm	
291	Pd(PPh ₃) ₂ Cl ₂	AR/LR Grade	5 gm	
292	Pd(PPh ₃) ₄	AR/LR Grade	5 gm	
293	Pd(OAc) ₄	Aldrich	10 gm	
294	Hoveyda-Grubbs Catalyst 1st Generation	Aldrich	100 mg	
295	Hoveyda-Grubbs Catalyst 2 nd Generation	Aldrich	100 mg	
296	Gold(III) chloride (AuCl ₃)	Aldrich	500 mg	
297	Silver hexafluoroantimonate(V) (AgSbF ₆)	Aldrich	5 gm	
298	Chlorobis(cyclooctene)rhodium(I)dimer [Rh(coe) ₂ Cl] ₂	Aldrich CAS Number 12279-09-3	250 mg	
299	Pentamethylcyclopentadienylruthenium(II) chloride polymer [C ₁₀ H ₁₅ Cl ₂ Ru] _n	Aldrich CAS Number 96503-27-4	1 gm/mL	
300	Pentamethylcyclopentadienylrhodium(III) chloride dimer [Rh(C ₅ Me ₅)Cl ₂] ₂	Aldrich CAS Number 12354-85-7	500 mg	
301	[(Bisacetonitrile)(norbornadiene)]rhodium (I) hexafluoroantimonate [Rh(nbd)(CH ₃ CN) ₂]SbF ₆	763144- Aldrich	250 mg	
302	(R)-Tol-BINAP	Aldrich	250 mg	
303	(S)-BINAP	Aldrich	250 mg	
304	Copper (II) triflate [Cu(OTf) ₂]	AR/LR Grade	25 gm	
305	Iron(II) triflate [Fe(OTf) ₂]	AR/LR Grade	25 gm	
306	(Diacetoxyiodo)benzene [PhI(OAc) ₂]	AR/LR Grade	25 gm	
307	L-proline	AR/LR Grade	100 gm	
308	Trifluoroacetic acid (TFA)	AR/LR Grade	100 mL	
309	Diisopropylamine	AR/LR Grade	100 mL	
310	1-methyl-3-(4-sulfobutyl)imidazolium-4-	AR/LR Grade	500 gm/mL	



	methylbenzenesulfonate [Ionic liquid]			
311	Imidazolium Ionic liquid	AR/LR Grade	500 gm/mL	
312	Sodium periodate (NaIO ₄)	AR/LR Grade	100 gm	
313	Ethanol	AR/LR Grade	500 mL	
314	Methanol	AR/LR Grade	2.5 litre	
315	Isopropyl alcohol	AR/LR Grade	500 mL	
316	t-butyl alcohol	AR/LR Grade	500 mL	
317	Isoamyl alcohol	AR/LR Grade	500 mL	
318	Chloroform	AR/LR Grade	2.5 litre	
319	Dichloromethane (DCM)	AR/LR Grade	2.5 litre	
320	Acetone	AR/LR Grade	2.5 litre	
321	Petroleum ether (PET-60-40)	Rankem	2.5 litre	
322	Ethyl acetate	AR/LR Grade	2.5 litre	
323	Dimethyl-formamide (DMF)	AR/LR Grade	500 mL	
324	Dimethyl sulfoxide (DMSO)	AR/LR Grade	500 mL	
325	1,2-Dichloroethane	AR/LR Grade	2.5 litre	
326	Tetrahydrofuran (THF)	AR/LR Grade	2.5 litre	
327	Toluene	AR/LR Grade	2.5 litre	
328	Benzene	AR/LR Grade	2.5 litre	
329	Diethylether	AR/LR Grade	500 mL	
330	Acetylacetone	AR/LR Grade	500 mL	
331	Carbon tetrachloride (CCl ₄)	AR/LR Grade	2.5 litre	
332	Formaldehyde solution ((30%))	AR/LR Grade	500 mL	
333	Cyclohexane	AR/LR Grade	2.5 litre	
334	1,2-dimethoxy-ethane (DME)	AR/LR Grade	1 litre	
335	1,4-Dioxane	AR/LR Grade	2.5 litre	
336	Hexamethylphosphoramide (HMPA)	AR/LR Grade	500 mL	
337	N-methyl-2-pyrrolidinone (NMP)	AR/LR Grade	500 mL	



338	Acetonitrile	AR/LR Grade	2.5 litre	
339	o-Xylene	AR/LR Grade	2.5 litre	
340	Nitromethane	AR/LR Grade	500 mL	
341	1,2-Dichlorobenzene	AR/LR Grade	1 litre	
342	Thiophenol	AR/LR Grade	500 mL	
343	Diethyl ketone	AR/LR Grade	2.5 litre	
344	Silica gel (60-120 mesh) for column Chromatography	AR/LR Grade	500 gm	
345	Silica gel (230 – 400 mesh) for column Chromatography	AR/LR Grade	500 gm	
346	Silica Gel G for Thin Layer Chromatography	AR/LR Grade	500 gm	
347	Silica Gel GF 254 for Thin Layer Chromatography	AR/LR Grade	500 gm	
348	Blue litmas paper	LR Grade	1 Pack	
349	Red litmas paer	LR Grade	1 Pack	
350	PH-paper	LR Grade	1 Pack	
351	Whatman-42	12.5 cm	1 Pack	
352	Whatman-41	12.5 cm	1 Pack	
353	Aluminium Borate	AR/LR Grade	500 gm	
354	Aluminium Nitrate	AR/LR Grade	500 gm	
355	Aluminium Sulphate	AR/LR Grade	500 gm	
356	Ammonium Carbonate	AR/LR Grade	500 gm	
357	Ammonium Dichromate	AR/LR Grade	500 gm	
358	Ammonium Dihydrogen Phosphate	AR/LR Grade	500 gm	
359	Ammonium Molybdate	AR/LR Grade	250 gm	
360	Ammonium Nitrate	AR/LR Grade	500 gm	
361	Ammonium Persulphate	AR/LR Grade	500 gm	
362	Ammonium Thiocyanate	AR/LR Grade	500 gm	
363	Antimony Sulphate	AR/LR Grade	250 gm	
364	Arsenic Sulphate	AR/LR Grade	500 gm	



365	Ammonium Hydroxide	AR/LR Grade	500 ml	
366	Aluminium foil	AR/LR Grade	1 PAK	
367	Alizarine-S Reagent	AR/LR Grade	Minimum	
368	Barium Nitrate	AR/LR Grade	500 gm	
369	Barium carbonate	AR/LR Grade	500 gm	
370	Bismuth Nitrate	AR/LR Grade	500 gm	
371	Borax decahydrate	AR/LR Grade	500 gm	
372	Cadmium Chloride	AR/LR Grade	100 gm	
373	Cadmium Sulphate	AR/LR Grade	500 gm	
374	Calcium Fluoride	AR/LR Grade	500 gm	
375	Calcium Nitrate	AR/LR Grade	500 gm	
376	Calcium carbonate	AR/LR Grade		
377	Calcium Phosphate	AR/LR Grade	500 gm	
378	Calcium silicate	AR/LR Grade	500 gm	
379	Activated Charcoal Powder	AR/LR Grade	500 gm	
380	Chromium Chloride	AR/LR Grade	500 gm	
381	Chromium Sulphate	AR/LR Grade	500 gm	
382	Cobalt Sulphide	AR/LR Grade	500 gm	
383	Copper Arsenate	AR/LR Grade	500 gm	
384	Copper Sulphate	AR/LR Grade	500 gm	
385	Cacotheline Reagent	AR/LR Grade	Minimum	
386	Diammonium Hydrogen Phosphate	AR/LR Grade	500 gm	
387	Sodium Oxalate	AR/LR Grade	500 gm	
388	Disodium Hydrogen Phosphate	AR/LR Grade	500 gm	
389	α, α' -Dipyridyl	AR/LR Grade	100 gm	
390	Ferric Phosphate	AR/LR Grade	500 gm	
391	Ferric Sulphate	AR/LR Grade	500 gm	



392	Ferric Sulphate	AR/LR Grade	500 gm	
393	Lead Bromide	AR/LR Grade	500 gm	
394	Lead Chromate	AR/LR Grade	500 gm	
395	Magnesium Nitrate	AR/LR Grade	500 gm	
396	Magnesium Oxide	AR/LR Grade	500 gm	
397	Mercurous Chloride	AR/LR Grade	500 gm	
398	Mohr Salt	AR/LR Grade	500 gm	
399	Nickel Chloride	AR/LR Grade	500 gm	
400	Nickel Nitrate	AR/LR Grade	500 gm	
401	Nessler's Reagent	AR/LR Grade	Minimum	
402	Potassium Fluoride	AR/LR Grade	500 gm	
403	Potassium Hydrogen Tartarate	AR/LR Grade	500 gm	
404	Potassium Sulphate	AR/LR Grade	500 gm	
405	Phosphomolybdic acid	AR/LR Grade	500 gm	
406	Soda Lime	AR/LR Grade	1 kg	
407	Sodium Acetate	AR/LR Grade	500 gm	
408	Sodium Bismuthate	AR/LR Grade	100 gm	
409	Sodium Carbonate (anhydrous)	AR/LR Grade	5 kg	
410	Sodium Cobaltinitrite	AR/LR Grade	100 gm	
411	Sodium Nitrite	AR/LR Grade	500 gm	
412	Sodium Potassium Tartarate	AR/LR Grade	500 gm	
413	Sodium Sulphide	AR/LR Grade	500 gm	
414	Sodium Sulphite	AR/LR Grade	500 gm	
415	Sodium Stannite	AR/LR Grade	100 gm	
416	Stannic Oxide	AR/LR Grade	500 gm	
417	Strontium Nitrate	AR/LR Grade	500 gm	
418	Strontium Phosphate	AR/LR Grade	500 gm	



419	Titan-Yellow Reagent	AR/LR Grade	Minimum	
420	Zinc Acetate	AR/LR Grade	500 gm	
421	Zinc Nitrate	AR/LR Grade	500 gm	
422	Zinc Sulphate	AR/LR Grade	500 gm	
423	Zinc Uranyl Acetate	AR/LR Grade	Minimum	
424	Zirconium nitrate	AR/LR Grade	100 gm	
425	Z-R Reagent (Zimmermann-Reinhardt)	AR/LR Grade	500 ml	
426	Grease Glassware joints	AR/LR Grade	1 pak	
427	Starch Iodide paper	AR/LR Grade	1 box	
428	Para film	AR/LR Grade	1 roll	
429	Teflon	AR/LR Grade	1 roll	
430	Celite powder for filtration	AR/LR Grade	1 kg	
431	Bleaching powder (Ca(OCl)Cl)	AR/LR Grade	1 kg	
432	18-crown-6	AR/LR Grade	100 gm	
433	4-Acetylphenylboronic acid	AR/LR Grade	25 gm	
434	Phenylboronic acid	AR/LR Grade	25 gm	
435	4-Chlorophenylboronic acid	AR/LR Grade	25 gm	
436	Methanesulfonyl chloride	AR/LR Grade	100 gm	
437	N-Acetylglycine	AR/LR Grade	25 gm	

N.B.: (i) Quantity of the above items will be stated later according to the requirements and fund allotments.

(ii) Please give the VAT inclusive rates for the above items.

(iii) University may take decision about non-purchase of any of the said item/items even after selection of vendor due to its fund constraints.

(iv) Place of delivery of items: School of Sciences, Administrative Academic Building (1st Floor), Kalyani Regional Centre, Netaji Subhas Open University, Kalyani, Nadia-741235



The vendors are requested to submit the quotation with relevant documents like Trade license, authorization of dealership, PAN etc. within **17.03.2016** upto **3.00 p.m.** in the Tender Box earmarked at the following address.

Address:

Finance Officer,
Netaji Subhas Open University, 4th Floor,
DD-26, Sector-I, Salt Lake City,
Kolkata-700 064, West Bengal

Date: 08.03.2016

Finance Officer