

DEPARTMENT OF CHEMISTRY

(LIST OF INSTRUMENTS)

SN	INSTRUMENTS	REMARKS	QUANTITY
1	Micro controlled based conductivity meter with cell	Systronics,306	3
2	Digital Ph meter	Systronics, 361	1
3	Micro controlled based Turbidity meter	Systronics,132	1
4	Digital Water Analyzer	Systronics,132	1
5	Digital Potentiometer	Systronics,318	5
6	Orbital Shaker	Systronics,7011	1
7	Micro controlled centrifuge	Emtek	5
7	Magnetic stirrer	Remi	1
8	Fume hood chamber	INSIF india/Abron Export	-
9	Triple Distillation Plant	Borosil Glass	X
10	vertical research autoclave 22ltr	Craft/insif india/abron export	
11	Potable vertical autoclave dia 12"x12"	Craft/insif india/abron export	1
12	Soundless vacuum pump	Imported, Abron export	1
13	Water bath 6holes thermostatic controlled	Craft/insif india/abron export	2
14	Melting point apparatus	Craft/insif india/abron export	5
15	Hot air oven, s.s. digitally controlled with timer,300mmx300mmx300mm	Craft/insif india/abron export	2
16	Hot plate with energy regulator10"x12"x6"	Craft/insif india/abron export	2
17	balance 300gmx0.001 gm	Roy electronics	1
18	UV- Spectrophotometer double beam		1
19	IR- Spectrometer		1
20	Ion exchange for preparation of distilled water		1
21	Chemical Balance	Roy an Roy	4
22	Weight Box		4 Nos

DEPARTMENT OF CHEMISTRY

(LIST OF GLASSWARE)

SN	DESCRIPTION	REMARKS	QUANTITY
1	Beaker 50ml	BOROSIL GLASS	
	100ml	BOROSIL GLASS	12
	250ml	BOROSIL GLASS	50
	500ml	BOROSIL GLASS	50
	1000ml	BOROSIL GLASS	24
2	Measuring cylinder 5ml	BOROSIL GLASS	10
	10ml	BOROSIL GLASS	18
	25ml	BOROSIL GLASS	10
	100ml	BOROSIL GLASS	05
	250ml	BOROSIL GLASS	10

	500ml	BOROSIL GLASS	10
	1000ml	BOROSIL GLASS	06
3	Dissector with cover,100mm	BOROSIL GLASS	02
4	Round bottom flask 250ml	BOROSIL GLASS	24
	500ml	BOROSIL GLASS	12
	1000ml	BOROSIL GLASS	01
5	Conical flask100ml	BOROSIL GLASS	10
	250ml	BOROSIL GLASS	50
	500ml	BOROSIL GLASS	05
	1000ml	BOROSIL GLASS	05
6	Filter flask 500ml	BOROSIL GLASS	05
7	Volumetric flask 10ml	BOROSIL GLASS	05
	25ml	BOROSIL GLASS	10
	100ml	BOROSIL GLASS	10
	250ml	BOROSIL GLASS	20
	500ml	BOROSIL GLASS	10
	1000ml	BOROSIL GLASS	05
8	Kipps apparatus 1000ml	BOROSIL GLASS	01 Plastic
9	Burrete 50ml with teflone key	BOROSIL GLASS	30
10	Pipette graduated 1ml	BOROSIL GLASS	06
	2ml	BOROSIL GLASS	06
	5ml	BOROSIL GLASS	06
	10ml	BOROSIL GLASS	30
	25ml	BOROSIL GLASS	30
11	Stagnometer with clip	BOROSIL GLASS	20 with plastic pipe and clups
12	Viscometer with clip	BOROSIL GLASS	20
13	Buchner filter with disc 35ml with rubber cock 80ml		05
14	Separating funnel 125ml		05
	250ml		
15	Pyknometer 10ml		10
16	Specific gravity bottle 10ml		10
	25ml		
17	Weighing bottle 15ml		10
	25ml		
18	Reagent bottle 250ml		100
	500ml		
19	Watch glass 3"		50
20	Winchester bottles 2.5ltr		-
	5ltr		-
21	Funnel 2.5"		50
	4"		
22	Dropping bottle 30ml		05
23	Test tube 5x5/8"		Pyrex type 400pcs.
24	Fusion tube		Pyrex type 500Pcs.
25	Capillary tube		01 Pkt.
26	China dishes 40ml		04 Doz.
27	Crucible with lid 25ml		04 Doz.
28	Clay pipe tangle		04 Doz.
29	Test tube holder		50
30	Tripod stand 8"		50
31	Crucible tongue		50
32	Burette stand with clamp		50

33	Mohars clamp		20
34	Wire gauge		50
35	Laboratory thermometer 50/110c		10 pcs each.
	250/300c		
36	Filter paper 11cm		Ordinary 10Pkt.
			Whatman, 40/41/42 01 Pkt
			Whatman no-1 01 Pkt.

DEPARTMENT OF CHEMISTRY

(LIST OF CHEMICALS)

SN	CHEMICALS	REMARKS	QUANTITY
1	Acetaldehyde	LOBA/MERCK/SARA FINE	500 ml x 02
2	Acetic acid glacial	LOBA/MERCK/SARA FINE	500 ml x 03
3	Acetone	LOBA/MERCK/SARA FINE	500 ml x 03
4	Acetonitrile	LOBA/MERCK/SARA FINE	500 ml
5	Acetophenone	LOBA/MERCK/SARA FINE	500 ml
6	Acetyl chloride	LOBA/MERCK/SARA FINE	500 ml
7	Alizaine		-
8	Aluminium ammonium sulphate	LOBA/MERCK/SARA FINE	500 G
8	Aluminium chloride	LOBA/MERCK/SARA FINE	-
9	Ammonia solution	LOBA/MERCK/SARA FINE	500ml
10	Ammonium acetate	LOBA/MERCK/SARA FINE	-
11	Ammonium benzoate	LOBA/MERCK/SARA FINE	200G
12	Ammonium bromide	LOBA/MERCK/SARA FINE	-
13	Ammonium carbonate	LOBA/MERCK/SARA FINE	-
14	Ammonium chloride	LOBA/MERCK/SARA FINE	500gm x 4
15	Ammonium ferric sulphate	LOBA/MERCK/SARA FINE	500gm
16	Ammonium ferrous sulphate	LOBA/MERCK/SARA FINE	500gm
17	Ammonium bicarbonate	LOBA/MERCK/SARA FINE	500gm
18	Ammonium molybdate	LOBA/MERCK/SARA FINE	250gm
19	Ammonium nickel sulphate	LOBA/MERCK/SARA FINE	-
20	Ammonium oxalate	LOBA/MERCK/SARA FINE	-
21	Ammonium persulphate	LOBA/MERCK/SARA FINE	-
22	Ammonia solution	LOBA/MERCK/SARA FINE	500ml
23	Ammonium tartrate	LOBA/MERCK/SARA FINE	-
24	Ammonium thiocyanate	LOBA/MERCK/SARA FINE	250gm
25	Anilline	LOBA/MERCK/SARA FINE	-
26	Aniline hydrochloride	LOBA/MERCK/SARA FINE	-
27	Aniline	LOBA/MERCK/SARA FINE	500 ml x 02
28	Anthracene	LOBA/MERCK/SARA FINE	500gm
29	Barium carbonate	LOBA/MERCK/SARA FINE	-
30	Barium chloride	LOBA/MERCK/SARA FINE	500gm
31	Benedicts reagent	LOBA/MERCK/SARA FINE	500gm
32	Benzaldehyde	LOBA/MERCK/SARA FINE	500gm
33	Benzene	LOBA/MERCK/SARA FINE	500gm
34	Benzoic acid	LOBA/MERCK/SARA FINE	500gm
35	Benzoyl chloride	LOBA/MERCK/SARA FINE	500gm
36	Benzyl chloride	LOBA/MERCK/SARA FINE	500gm

37	Benzyl alcohol	LOBA/MERCK/SARA FINE	500gm
38	Bismuth nitrate	LOBA/MERCK/SARA FINE	250gm
39	Boric acid	LOBA/MERCK/SARA FINE	500gm
40	Liq bromine	LOBA/MERCK/SARA FINE	100ml x 2
41	Buffer tablets Ph4/6/9.2	LOBA/MERCK/SARA FINE	10 phile
42	Calcium chloride	LOBA/MERCK/SARA FINE	-
43	Calcium floride	LOBA/MERCK/SARA FINE	500gm
44	Calcium hydroxide	LOBA/MERCK/SARA FINE	-
45	Calcium sulphate	LOBA/MERCK/SARA FINE	-
46	Carbon tetra chloride	LOBA/MERCK/SARA FINE	500ml x2
47	Activated charcoal	LOBA/MERCK/SARA FINE	-
48	Chloroform	LOBA/MERCK/SARA FINE	-
49	Chromium trioxide	LOBA/MERCK/SARA FINE	500gm
50	Cinnamic acid	LOBA/MERCK/SARA FINE	500gm
51	Citric acid	LOBA/MERCK/SARA FINE	-
52	Cobalt carbonate	LOBA/MERCK/SARA FINE	250gm
53	Cobalt chloride	LOBA/MERCK/SARA FINE	500x2gm
54	Cobalt nitrate	LOBA/MERCK/SARA FINE	500x2 gm
55	Copper metal turning	LOBA/MERCK/SARA FINE	100gm
56	Cupric carbonate	LOBA/MERCK/SARA FINE	500gmx1
57	Cupric nitrate	LOBA/MERCK/SARA FINE	500x2
58	Cupric sulphate	LOBA/MERCK/SARA FINE	500x2
59	Cuprous chloride	LOBA/MERCK/SARA FINE	500gm
60	Dextrose	LOBA/MERCK/SARA FINE	500gm
61	Di-ethanolamine	LOBA/MERCK/SARA FINE	-
62	di-ethylamine	LOBA/MERCK/SARA FINE	500gm
63	Diethyl ether	LOBA/MERCK/SARA FINE	-
64	N,N –dimethyl aniline	LOBA/MERCK/SARA FINE	-
65	Dimethyl Glyoxime	LOBA/MERCK/SARA FINE	-
66	Dimethyl sulphoxide	LOBA/MERCK/SARA FINE	250gmx10
67	di-sodium salt of EDTA	LOBA/MERCK/SARA FINE	500ml
68	Ethyl acetate	LOBA/MERCK/SARA FINE	500ml
69	Ethyl benzoate	LOBA/MERCK/SARA FINE	250ml
70	Fehling solution 1	LOBA/MERCK/SARA FINE	250ml
71	Fehling solution 2	LOBA/MERCK/SARA FINE	250ml
72	Ferrous sulphate	LOBA/MERCK/SARA FINE	500
73	Formaldehyde	LOBA/MERCK/SARA FINE	500ml
74	Glycerol	LOBA/MERCK/SARA FINE	500ml x3
75	n-hexane	LOBA/MERCK/SARA FINE	-
76	Hydrazine sulphate	LOBA/MERCK/SARA FINE	-
77	Hydrochloric acid	LOBA/MERCK/SARA FINE	500ml x 4
78	Sulphuric acid	LOBA/MERCK/SARA FINE	500mlx 4
79	Nitric acid	LOBA/MERCK/SARA FINE	500mlx2
80	Ph paper	LOBA/MERCK/SARA FINE	100pcs.
81	Iodine	LOBA/MERCK/SARA FINE	100gm
82	Iso butyl alcohol	LOBA/MERCK/SARA FINE	-
83	Lactic acid	LOBA/MERCK/SARA FINE	-
84	Litmus paper red/blue	LOBA/MERCK/SARA FINE	100pcs.
85	Magnesium sulphate	LOBA/MERCK/SARA FINE	-
86	Manganese dioxide	LOBA/MERCK/SARA FINE	-
87	Methanol	LOBA/MERCK/SARA FINE	500ml x4
88	Naphthalene	LOBA/MERCK/SARA FINE	500gm
89	1-Naphthol	LOBA/MERCK/SARA FINE	500gm

90	2-naphthol	LOBA/MERCK/SARA FINE	500gm
91	Nitrobenzene	LOBA/MERCK/SARA FINE	500gm
92	Orthophosphoric acid	LOBA/MERCK/SARA FINE	500ml x2
93	Oxalic acid	LOBA/MERCK/SARA FINE	500ml x2
94	Petroleum ether	LOBA/MERCK/SARA FINE	-
95	Phenol crystal	LOBA/MERCK/SARA FINE	500gm x 4
96	Phenyl hydrazine	LOBA/MERCK/SARA FINE	500gm x 2
97	Phenyl hydrazine hydrochloride	LOBA/MERCK/SARA FINE	-
98	Phthalic anhydride	LOBA/MERCK/SARA FINE	500gm
99	Picric acid	LOBA/MERCK/SARA FINE	-
100	Potassium bromide	LOBA/MERCK/SARA FINE	500gm x 2
101	Potassium chloride	LOBA/MERCK/SARA FINE	500gm
102	Potassium chromate	LOBA/MERCK/SARA FINE	500gm
103	Potassium dichromate	LOBA/MERCK/SARA FINE	500gm
104	Potassium ferrocynite	LOBA/MERCK/SARA FINE	500gm
105	Potassium ferricynite	LOBA/MERCK/SARA FINE	500gm x2
106	Potassium fluoride	LOBA/MERCK/SARA FINE	250gm
107	Potassium Hydroxide	LOBA/MERCK/SARA FINE	500gmx2
108	Potassium hydrogen tartrate	LOBA/MERCK/SARA FINE	500gm
109	Potassium iodide	LOBA/MERCK/SARA FINE	250gm x10
110	Potassium nitrate	LOBA/MERCK/SARA FINE	500gm
111	Potassium nitrite	LOBA/MERCK/SARA FINE	500gm
112	Potassium thiocyanate	LOBA/MERCK/SARA FINE	500gm
113	Iso-propyl alcohol	LOBA/MERCK/SARA FINE	-
114	Pyridine	LOBA/MERCK/SARA FINE	500gm
114	Resorcinol	LOBA/MERCK/SARA FINE	500gm
115	Salicylic acid	LOBA/MERCK/SARA FINE	500gm x2
116	Silver nitrate	LOBA/MERCK/SARA FINE	-
117	Sodium metal	LOBA/MERCK/SARA FINE	500gm
118	Sodium azide	LOBA/MERCK/SARA FINE	-
119	Sodium bisulphate	LOBA/MERCK/SARA FINE	500gm
120	Sodium carbonate	LOBA/MERCK/SARA FINE	500gm x4
121	Sodium chloride	LOBA/MERCK/SARA FINE	-
122	Sodium benzoate	LOBA/MERCK/SARA FINE	-
123	Sodium fluoride	LOBA/MERCK/SARA FINE	500gm
124	Sodium bicarbonate	LOBA/MERCK/SARA FINE	250gm
125	Sodium hydroxide	LOBA/MERCK/SARA FINE	500gm
126	Sodium iodate	LOBA/MERCK/SARA FINE	500gm
127	Sodium molybdate	LOBA/MERCK/SARA FINE	-
128	Sodium oxalate	LOBA/MERCK/SARA FINE	500gm
129	Sodium iodide	LOBA/MERCK/SARA FINE	-
130	Sodium nitrate	LOBA/MERCK/SARA FINE	-
131	Sodium nitrite	LOBA/MERCK/SARA FINE	-
132	Sodium nitropurososide	LOBA/MERCK/SARA FINE	-
133	Sodium oxalate	LOBA/MERCK/SARA FINE	500gm
134	Sodium sulphate	LOBA/MERCK/SARA FINE	-
135	Sodium sulphide	LOBA/MERCK/SARA FINE	-
135	Sodium thiosulphate	LOBA/MERCK/SARA FINE	-
136	Stannous chloride	LOBA/MERCK/SARA FINE	-
137	Starch	LOBA/MERCK/SARA FINE	500gm x2
138	Strontium chloride	LOBA/MERCK/SARA FINE	500 gm
139	Strontium nitrate	LOBA/MERCK/SARA FINE	500 gm

140	Succinic acid	LOBA/MERCK/SARA FINE	500 gm
141	Sucrose	LOBA/MERCK/SARA FINE	500 gm
142	Sulphur powder	LOBA/MERCK/SARA FINE	500 gm
143	Tin metal	LOBA/MERCK/SARA FINE	250gm
144	Toluene	LOBA/MERCK/SARA FINE	500ml
145	p-Toluidine	LOBA/MERCK/SARA FINE	500ml
146	Triethanolamine	LOBA/MERCK/SARA FINE	500ml x2
147	Urea	LOBA/MERCK/SARA FINE	-
148	Xylene	LOBA/MERCK/SARA FINE	-
149	Zinc metal	LOBA/MERCK/SARA FINE	250gm
150	Zinc carbonate	LOBA/MERCK/SARA FINE	500gm x2
151	Zinc nitrate	LOBA/MERCK/SARA FINE	500 ml
152	Zinc oxide	LOBA/MERCK/SARA FINE	500gm x1
153	Zinc sulphate	LOBA/MERCK/SARA FINE	500gm x4