

**K.T.S.P. MANDAL'S
SAHEBRAOJI BUTTEPATIL MAHAVIDYALAYA,
RAJGURUNAGAR
DEPARTMENT OF CHEMISTRY
CHEMICAL REQUIREMENT FOR THE YEAR 2021-22**

Sr. No.	NAME OF ARTICLE	QUANTITY
1	Acetamide	500 gm
2	Ammonium Molybdate	1 x 500 gm
3	Ammonia solution	5 lit
4	Ammonium Oxalate	500 gm
5	Glacial Acetic Acid	5 lit
6	Ammonium Chloride	5 kg
7	Aniline	3 x 500 ml
8	Ammonium Carbonate	1 x 500 gm
9	Aniline hydrochloride	500 gm
10	Acetone	5 lit
11	Acetanilide	500 gm
12	Ammonium thiocyanate	500 gm
13	Activated charcoal	500 gm
14	B-naphthol	1 x 500 gm
15	Brass crystal	1 x 500 gm
16	Benzoic acid	1 x 500 gm
17	Blue litmus powder	1 x 100 gm
18	Benzene	500 ml
19	Buffer solution capsule	1 no.
20	Chloroform	5 lit
21	Copper Sulphate	3 x 500 gm
22	Copper Filling	2 x 500 gm
23	Cyclohexanone	500 ml
24	Cobaltous chloride	500 gm
25	Calcium carbonate	1 x 500 gm
26	Carbon tetrachloride	500 ml
27	Citric acid	500 gm
28	Glucose	1 x 500 gm
29	Dimethyl Glyoxime	1 x 500 gm
30	Dexrose	500 gm
31	Disodium hydrogen phosphate	500 gm
32	Ethanol	12 x 500 ml
33	EDTA	1 x 500 gm
34	Ethyl benzoate	2 x 500 ml
35	Ferric Chloride	1 x 500 gm

36	Ferrous Sulphate	1 x 500 gm
37	Ferrous ammonium sulphate	500 gm
38	Ferric ammonium sulphate	500 gm
39	Hydrochloric acid	2 x5 lit
40	Hydrogen peroxide	2 x500 ml
41	Hydroquinone	500 gm
42	Iron Perchloric Acid	1 x 500 ml
43	Lead acetate	1 x 500 gm
44	Lead nitrate	500 gm
45	Methyl orange indicator powder	1 x 100gm
46	Mercuric Chloride	1 x 100 gm
47	Magnesium Nitrate	2 x 500 gm
48	M- Nitroaniline	1 x 500 gm
49	Magnesium Carbonate	1 x 500 gm
50	Methanol	2.5 lit
51	Manganese sulphate	500 gm
52	Magnesium chloride	1 x 500 gm
53	Methyl acetate	500 ml
54	Nitric acid	2 x5 lit
55	Nickel chloride .6H ₂ O	500 gm
56	Nitrobenzene	500 ml
57	Napthalene	500 gm
58	Quinhydrone powder	500 gm
59	Anthracene	500 gm
60	Oxalic acid	2 x 500 gm
61	Phenol crystal	4 x 500 gm
62	Potassium Bromide	1 x 500 gm
63	Potassium Iodide	2 x 500 gm
64	Potassium oxalate	500 gm
65	Potassium hydrogen phthlate	500 gm
66	P-nitroaniline	500 gm
67	Potassium chromate	500 gm
68	Potassium dichromate	500 gm
69	Potassium persulphate	1 x 500 gm
70	Potassium thiosulphate	500 gm
71	Potassium chloride	500 gm
72	Potassium nitrite	2 x 500 gm
73	Pet ether	2.5 lit
74	Resorcinol	1 x 500 gm
75	Sulphuric acid	2 x5 lit
76	Sodium Nitrite	1 x 500 gm

77	Sodium Nitroprusside	1 x 500 gm
78	Sodium Thiosulphate	2x 500 gm
79	Sodium hydroxide	3 x 500 gm
80	Silica gel for TLC	500 gm
81	Starch	500 gm
82	Sodium acetate	500 gm
83	Sodium carbonate	500 gm
84	Sodium bicarbonate	500 gm
85	Sodium sulphate	500 gm
86	Thiourea	1 x 500 gm
87	Toluene	2.5 lit
88	Zinc Oxide	1 x 500 gm
89	Zinc dust	2 x 500 gm
90	Zinc Sulphate	1 x 500 gm
91	Magnesium sulphate	1 x 500 gm
92	Potassium sulphate	1 x 500 gm
93	R-nitroso salt	250 gm
94	Starch	1 x 500 gm
95	Silver nitrate	1 x 25 gm

**K.T.S.P. MANDAL'S
SAHEBRAOJI BUTTEPATIL MAHAVIDYALAYA,
RAJGURUNAGAR
DEPARTMENT OF CHEMISTRY
GLASSWARE REQUIREMENT OF THE YEAR 2021-22**

Sr. No.	NAME OF ARTICLE	QUANTITY
1	Burette 25ml with pinch clip & nozzle	1 doz
2	Burette 50ml with pinch clip & nozzle	6 nos
3	Microburette 0.2 addition	6 no.
4	Beaker 100 ml (Borosil)	1doz
5	Beakers 25 ml	1 doz
6	Beaker 50ml (Borosil)	1 doz
7	Conical flask 150 ml (Borosil)	1 doz
8	Conical flask 250 ml (Borosil)	6 nos
9	Capillary	24 pkt
10	Dropper long (with yellow teat)	2 doz
11	Evaporating dish	1 doz
12	Funnel 3"	1 doz
13	Glass rod long	1 doz
14	Gooch Crucible	1 doz
15	Hard glass tube	2 doz
16	Measuring cylinder 100 ml	6 nos
17	Measuring cylinder 25 ml	6 nos
18	Measuring cylinder 10 ml	1 doz
19	Measuring cylinder 5 ml	1 doz
20	Pipette 10 ml with safety bulb	1 doz
21	Pipette 5 ml	6 doz
22	Specific gravity bottle 25 ml	1 doz
23	Stop clock (second timer)	6 doz
24	Spatula	1 doz
25	Sodium fusion tube	5 gross
26	Silica Crucible with lid	6 nos
27	Suction pump	1 No.
28	Reagent bottle 250 ml N.G.	4 doz
29	Reagent bottle 500 ml N.G.	1 doz
30	Reagent bottle 1000 ml N.G.	6 nos
31	Test tube	3 box
32	Thermometer 360 C	6 nos
33	Thermometer 110 C	6 nos
34	Viscometer	6 nos
35	Volumetric flask 100 ml	1 doz

36	Volumetric flask 50 ml	1 doz
37	Volumetric flask 25 ml	1 doz
38	Volumetric flask 250 ml	2 nos.
39	Wire gauze without frame 6'x6'	2 doz
40	Watch glass 3"	2 doz

**K.T.S.P. MANDAL'S
SAHEBRAOJI BUTTEPATIL MAHAVIDYALAYA,
RAJGURUNAGAR
DEPARTMENT OF CHEMISTRY
INSTRUMENT REQUIREMENT OF THE YEAR 2021-22**

Sr. No.	NAME OF ARTICLE	QUANTITY
1	Refractometer	1 No.
2	Colorimeter	1 No.
3	Conductometer	1 No.
4	Potentiometer	1 No.
5	Magnetic stirrer	2 no.
6	Magnetic neddle	4 no.
7	Calomel electrode	4 no.
8	Glass electrode	4 no.
9	Combine electrode	2 no.
10	Platinum electrode	2 no.
11	Thermostat	1 No.