

K.T.S.P.MANDAL'S
HUTATMA RAJGURU MAHAVIDYAIAYA , RAJGURUNAGAR
Tal-Khed, Dist-Pune
Requirement Of Chemical Year 2021-2022

Sr.No.	Name Of The Chemical	Quantity
1	Aniline	2 x 500 ml
2	Acetanilide	1 x 500 gm
3	Acetyl salicylic acid	1 x 500 gm
4	Anthracene	1 x 500 gm
5	Aluminium Ammonium Sulphate	1 x 500 gm
6	Aluminium Chloride	1 x 500 gm
7	Aniline hydrochloride	1 x 500gm
8	Ammonium Nitrate	2 x 500 gm
9	Ammonium Borate	1 x 500 gm
10	Aluminium Carbonate	1 x 500 gm
11	Aluminium Ammonium Sulphate	1 x 500 gm
12	Ammonium Chloride	5 Kg
13	Ammonium Sulphate	2 x 500 gm
14	Aluminium Nitrate	1 x 500 gm
15	Aluminium Sulphate	1 x 500 gm
16	Ammonium Bromide	2 x 500 gm
17	Ammonium Ferrous Sulphate	2 x 500 gm
18	Ammonium iodide	2 x 500 gm
19	Acetone	20 lit
20	Acetic Acid	5 Lit
21	Barium Chloride	1 x 500 gm
22	Benzoic Acid	2 x 500 gm
23	Borax	2 x 500 gm
24	Benzene	5 x 500 ml
25	Br ₂ in CCl ₄	1 x 500 ml
26	Brass	1 x 500 gm
27	Copper Sulphate	5 Kg
28	Calcium Bromide	2 x 500 gm
29	Calcium Carbonate	2 x 500 gm
30	Calcium Borate	1 x 500 gm
31	Copper Metal Powder	2 x 500 gm
32	Calcium Hydroxide	1 x 500 gm
33	Cobalt Phosphate	1 x 500 gm
34	Cobalt Borate	1 x 500 gm
35	Copper Filling	1 x 500 gm
36	Copper Borate	1 x 500 gm
37	Copper Phosphate	1 x 500 gm
38	Chloroform	15 lit
39	CCl ₄	2 x 500 ml

40	Chlorobenzene	2 x 500 ml
41	Ethanol 99.9 % / Lab solvent	25 Ltr.
42	Ethyl Acetate	1 x 500 ml
43	Ferric chloride	2 x 500 gm
44	Ferric Sulphate	1 x 500 gm
45	Ferrous Sulphate	1 x 500 gm
46	Fehilings A solution	1 x 500 ml
47	Fehilings B solution	3 x 500 ml
48	Hydrochloric acid	20Ltr
49	Hydrogen peroxide 20volu.(30%)	2x 1Ltr
50	Hypoiodide Solution	2 x 500 ml
51	Hydroquinone	500 gm
52	Liq. Paraffin Heavy	10 Lit.
53	Manganese Dioxide powder	1 x 500 gm
54	Magnesium Nitrate	1 x 500 gm
55	Magnesium Bromide	2 x 500 gm
56	Magnesium Chloride	2 x 500 gm
57	m-dinitrobenzene	2 x 500 gm
58	Magnesium Sulphate	2 x 500 gm
59	Methyl Acetate	3 x 500 ml
60	Methanol	5 x 500 ml
61	Magnesium Bromide	3 x 500 gm
62	Nickel Chloride	2 x 500 gm
63	Nitric acid	5Ltr
64	Nickel phosphate	2 x 500 gm
65	Nessler's Reagent	2 x 500 ml
66	Oxalic Acid	5 x 500 gm
67	Phthalic Acid	2 x 500 gm
68	Potassium Bromide	3 x 500 gm
69	Potassium Sulphate	2 x 500 gm
70	Potassium Oxalate	1 x 500 gm
71	Potassium Hydroxide	1 x 500 gm
72	Potassium Iodide	3 x 500 gm
73	Potassium Borate	1 x 500 gm
74	Potassium Carbonate	1 x 500 gm
75	Quionhydrone	1 x 500 gm
76	Sodium Thiosulphate	2 x 500 gm
77	Silver Nitrate	1 x 100 gm
78	Salicylic Acid	1 x 500 gm
79	Sodium Hydroxide	5 Kg
80	Sodium acetate	2 x 500 gm
81	Sulphuric acid	10Ltr
82	Sodium Chloride	1 x 500 gm
83	Sodium Hydroxide Pellets	2 x 500 gm / 5 Kg
84	Silicagel for TLC	1 x 500 gm

85	Starch	2 x 500 gm
86	Stannous Chloride	1 x 500 gm
87	Toluene	2 x 5 lit
88	Zinc dust Powder	2 x 500 gm

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Dr.S.B.Suryawanshi

K.T.S.P.MANDAL'S HUTATMA RAJGURU MAHAVIDYAIAYA , RAJGURUNAGAR Tal-Khed, Dist-Pune Requirement Of Chemistry (B.Sc) Chemical List Year 2021-2022		
Sr.No	Name of the Glassware	Quantity
1	All type paper Litmus-Red,Blue,Turmaric,Starch,Starch	1 Doz each
2	PH Paper	12Pkt
3	Beaker 2000 ml plastic	3 Nos.
4	Beaker 500 ml borosil	2 Doz
5	Beaker 250 ml borosil	10 Doz
6	Beaker 100 ml borosil	10 Doz
7	Blow Pipe 8"	100 Nos
8	Brush For Test tube, Bottle & Flask	2Doz
9	Burette 25 ml with pinch clip & nozzle	6Doz
10	Capillary	10 pkt
11	Conical flask 150 ml Borosil	10 DOz
12	Clamp for retort (Pyrotte type) with iron stand	2 Doz
13	Dropping bottle for ind. (6 X100 ml)	6 Nos.
14	Dropper 8"	5 Doz
15	Evaporating Dish " porcelian 75 mm	10 Doz
16	Filter paper (Hand made)	5 Rim
17	Funnel 3" NG.(Big hole& long size)	10 Doz
18	Hard Glass Tubes 6 " NG.	5 Doz
19	Measuring Cylinder 10 ml NG.	2 Doz
20	Measuring Cylinder 5 ml NG.	2 Doz
21	Volumetric flask 25 ml	4 Doz
22	Pestle & (mediumsize)	10 Nos.
23	Pair Of Tounge 8"	10Doz
24	Rubber tube 6"	3 Doz
25	Rubber tube 8"	3 Doz
26	Rubber cork without hole	3 Doz

27	Rubber cork with one hole	3 Doz
28	Rubber cork with two hole	3 Doz
29	Spatula 8" & Spoon	2 Doz
30	Sodium Fusion Tubes	10 Gross
31	Stop clock (second timer)	1 Doz
32	Thermometer 360 0C (red)	5 Doz
33	Test Tube	15 box
34	Test Tube holder	10 Doz
35	Volumetric flask 250 ml	2 Nos.
36	Volumetric flask 100 ml	4 Doz
37	Wire Guase with Asbestos without frame 6x6" Size	10 Doz
38	Watch glass3	5 Doz
39	Silica Crucible With Lead	2 Doz
40	Guch Crucible	1 Doz
41	TLC Chember with glass plate	2 Doz
42	Micro distillation set with B-19,B-14	3 Doz
43	Column Chromatography	2 Doz
44	Thiele Tube	2 Doz
45	Whatmn filter paper 1 No only paper & 41 ,42	2 Rim
46	Paper-Starch,Starch Iodide,lead Acetate	1 Doz each
47	Micro Burette 10 ml And pipette 10 ml	2 Doz
48	Micro Burette 5 ml And pipette 10 ml	2 Doz
49	Specific gravity bottle with lead	2 Doz
50	Tripod stand big size	5 Doz
51	Tri angle small size	3 Doz
20	Viscometer	1 Doz

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K.T.S.P.MANDAL'S HUTATMA RAJGURU MAHAVIDYALAYA , RAJGURUNAGAR TAL-KHED,DIST-PUNE Department of chemistry Requirement Of Instrument List For Year 2021-2022		
Sr.No.	Name Of The particular	Quantity
1	All type electrode	2.nos
2	Colorimeter with electrode	2.nos
3	Conductivity with cell	2 Nos
4	Dryer	2 Nos each
5	I.R.Lamp	2Nos
6	Magnetic Stirrer with hot plate (1 Lit)	2.nos

7	PH.meter with electrode	2.nos
8	Phoroflurometer	2Nos
9	Potentiometer with electrode	2 each
10	Refractometer & Mirrer extra	2 NO Nos.
11	Spectrophotometer	2 NO Nos.

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