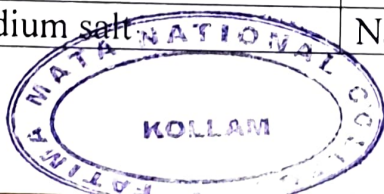


BOTANY 2022-23

Chemicals List

Sl. No	Chemicals (SRL/ Merk/ Zigma)	Chemical Formula	Quantity in gm
1.	Potassium Sodium tartarate	$KNaC_4H_4O_6$	250gmx4nos
2.	Sulphuric Acid	H_2SO_4	500mlx2nos
3.	Ethanol(Ethyl Alcohol)		500mlx5nos.
4.	Methanol		500mlx5nos.
5.	Sodium monobasic hydrogen phosphate	NaH_2PO_4	500gm
6.	Sodium dibasic hydrogen phosphate	Na_2HPO_4	500gm
7.	Silver Nitrate	$AgNO_3$	50gmx2 nos.
8.	Formaldehyde		20L
9.	Isopropyl alcochol		5L
10.	Chloroform		500mlx5 nos
11.	Ammonium Nitrate	NH_4NO_3	500gm
12.	Potassium Nitrate	KNO_3	100gm
13.	Calcium Chloride dihydarte	$CaCl_2 \cdot 2H_2O$	100gm
14.	Ammonium Nitrate	NH_4NO_3	500gm
15.	Potassium Nitrate	KNO_3	100gm
16.	Calcium Chloride dihydarte	$CaCl_2 \cdot 2H_2O$	100gm
17.	Magnesium sulphate	$MgSO_4 \cdot 7H_2O$	100gm
18.	Manganese sulphate	$MnSO_4 \cdot 7H_2O$	50gm
19.	Zinc Sulphate	$ZnSO_4 \cdot 7H_2O$	100gm
20.	Boric acid	H_3BO_3	50 gm
21.	Potassium Iodide	KI	50 gm
22.	Sodium Molybdate	$Na_2MoO_4 \cdot 2H_2O$	25 gm
23.	Copper Sulphate	$CuSO_4 \cdot 5H_2O$	50 gm
24.	Cobalt Chloride hexa hydrate	$CoCl_2 \cdot 6H_2O$	50 gm
25.	Potassium dihydrogen orthophosphate	KH_2PO_4	100gm
26.	Ferrous sulphate	$FeSO_4 \cdot 7H_2O$	50gm
27.	EDTA disodium salt	Na_2EDTA	50gm



		2H ₂ O	
28.	Pyridoxine hydrochloride		10gm
29.	Glycine		25 gm
30.	Agar agar		500 gm x 10 nos
31.	Sucrose		1 kg x 10 nos
32.	Inositol		25gm
33.	Alpha-Naphthalene acetic acid		10gm
34.	Sodium alginate		100 gm
35.	Thiamine HCl		10gm
36.	Mercuric chloride	HgCl ₂	25 gm
37.	Zeatin		20mg
38.	Caesin hydrolysate		50gm
39.	Benzene		500mlx6no.
40.	Acetone		500mlx6no.

Glass/Plastic-wares			Nos.
41	Beaker (Borosil/ Nice)	1000ml	6
42	Beaker (Borosil/ Nice)	2000ml	10
43	Beaker (Borosil/ Nice)	500ml	10
44	Conical flask (Borosil/ Nice)	1000ml	4
45	Conical flask (Borosil/ Nice)	2000ml	4
46	Glass reagent dropping bottles	50ml	50
47	Embryo cup with glass lid		60
48	Colum- Chromatography with Sintered disc (200x10mm)	200x10mm	10
49	Measuring Cylinder - plastic	500ml	10
50	Measuring Cylinder - plastic	1000ml	10
51	Measuring Cylinder - plastic	2000ml	10
52	Specimen vile (clear glass bottle)	30ml	50nos.



Cynthia M
PRINCIPAL
Fatima Mata National College
Kollam