

**List of chemicals - Department of Zoology ( February, 2026)**

Sl.No.	Chemicals/Reagents	Quantity	No.
1.	Potassium iodide	100 gm	1
2.	Con.H <sub>2</sub> SO <sub>4</sub> (Conc. Sulphuric acid)	500 ml	2
3.	Con.HNO <sub>3</sub> (Con. Nitric acid)	500 ml	2
4.	Propanol	500 ml	2
5.	Glacial Acetic acid	500 ml	2
6.	Nutrient Agar	100 gm (HI Media)	5
7	Agar	100 gm	5
8	Phosphoric Acid	500 ml	1
9	Acetocarmine Stain	100 ml	5
10	Leishman Sain	250ml	2
11	Methylene Blue	250 ml	2
12	Methanol	500 ml	5
13	Copper Sulphate	500 gm	1
14	Methyl Orange	100 gm	1
15	Ethanol (Lab use)	5 L	2
16	Citrate Buffer	500 ml	1
17	2- Methoxy Ethanol	1000 ml	1
18	Olive Oil	100 ml	1



19	Glucose Powder	100 g	2
20	Phenolphthalein Solution	50 gm	4
21	Formalin	20 L	20L
22	Hydrogen Peroxide	500 ml	5
23	Benedicts Reagent	500 ml	2
24	RBC Diluting Fluid	500 ml	4
25	WBC Diluting Fluid	500 ml	4
26	Chick Ringer Solution	500 ml	2
27	CuSO <sub>4</sub>	500 g	1
28	Phosphoric acid	500 ml	1
29	Wright stain	25 gm	3
30	Methanol	500ml	4
31	Nessler's reagent	500 ml	1
32	Red litmus solution	100 ml	1
33	Chloroform	500 ml	2
34	Starch	250 gm	2
35	Crystal violet	25 gm	1
36	Safranin	125 ml	1
37	Alanine	100 mg	2
38	Threonine	100 mg	2
39	Leucine	100 mg	2
40	Acetic acid	1 L	2
41	Folin Ciocalteu reagent	250 ml	2
42	Bovine Serum Albumin	500 g	2



43	Copper sulphate	500 g	1
44	Trichloroacetic acid	500 g	1
45	Diphenylamine reagent	500 ml	1
46	Acetyl Choline	50 mg	1
47	Adrenaline	10 mg	2
48	Giemsa stain	50 mg	2
49	Iso propyl alcohol	500 ml	3
50	Folin phenol reagent	50 mg	1
51	Pig spleen DNA	5 mg	1
52	Yeast RNA	5 mg	1
53	Diphenyl Amine Reagent	500 ml	1
54	Ammonium purpurate	250 ml	1
55	Nutrient Broth	100 gm	5
56	Anthrone reagent	250 g	2
57	L - Leucine	5g	1
58	Skim milk agar	100 gm	1
59	TCA	100 gm	1
60	pH strips indicator 1-14	10 books	10
61	Black paper (Rolls)		10
62	Nile red	10 mg	1
63	Conc. HCL	500 ml	1
64	Resorcinol	100 gm	1
65	Ammonium molybdate	500 g	1
66	Potassium antimony	500 m	1



	tartarate		
67	Ascorbic acid	100 gm	1
68	Urea	500 gm	1
69	Butanol	500 ml	5
70	Universal Indicator	100 ml	3
71	Anhydrous Na <sub>2</sub> CO <sub>3</sub>	500 g	1
72	Phosphotungstic acid	1l	1
73	Ph Tablets	4, 7, 9	1 box each
<b>GLASS WARES</b>			
1	Beaker with lids (500 ml)	5	5
2	Slides	5	5 Box
3	Coverslips	25 boxes	25
4	Haemoglobinometer (Sahlis)	20	20
5	Conical Flask	1L	5
6	Conical Flask	500 ml	5

Dr P J Sarlin

Professor and Head

PG & Department of Zoology

Fatima Mata National College (Autonomous), Kollam



*Cynthia*  
PRINCIPAL  
Fatima Mata National College  
Kollam