

DEPARTMENT OF ZOOLOGY

LIST OF CHEMICALS

Sl.No.	Chemicals/Reagents	Quantity	No.
1	Potassium iodide	100 gm	4
2	Con.H ₂ SO ₄ (Con. Sulphuric acid)	500 ml	5
3	Con.HNO ₃ (Con. Nitric acid)	500 ml	3
4	Sodium thiosulphate	500 gm	5
5	Glacial Acetic acid	500 ml	10
6	n-Butanol	500 ml	7
7	Propanol	500 ml	2
8	Potassium hydroxide	250 gm	5
9	NaOH	500 gm	2
10	Nutrient agar	100 gm (Himedia)	10
11	Luria- Bertani (LB) Agar	100 gm	5
12	Lactic Acid	25 Kg	2
13	Agar	100 gm	5
14	Phosphoric Acid	1 Kg	2
15	Calcium chloride	5 Kg	2
16	Propionic Acid	500 ml	2
17	Ammonium nitrite	100 gm	2
18	Dipotassium hydrogen phosphate	500 gm	3
19	Potassium dihydrogen phosphate	500 gm	3
20	Acetocarmine staining solution	100 ml	6
21	Leishman stain	250 ml	4
22	Methylene Blue	250 ml	4
23	Methanol	500 ml	5
24	Copper sulphate	500 gm	4
25	Folin and Coicalteu reagent	100 ml	5
26	Sodium potassium tartarate	500 gm	5
27	Sodium hydroxide pellets	500 gm	8
28	Starch	125 gm	2



29	Glucose standard	100 gm	4
30	Colchicine	100 gm	1
31	Silver nitrate	10 gm	1
32	Phenolphthalein solution	50 gm	4
33	Picric acid	100 gm	4
34	Picric acid solution	100 ml	3
35	Ninhydrin solution	500 ml	5
36	Million's reagent	500 ml	4
37	Conc.HCl (Hydrochloric acid)	500 ml	8
38	Formaldehyde	500 ml	20
39	H ₂ O ₂	1000 ml	5
40	Anthrone reagent	500 gm	3
41	Potassium dichromate	500 gm	4
42	Palmitic acid	500 gm	4
43	DPX	500 ml	2
44	Xylene	500 ml	3
45	Acetone	500ml	4
46	Phenolphthalein indicator solution	125 ml	3
47	Wright's stain	250 ml	4
48	Sodium chloride (NaCl)	500 gm	5
49	Sodium carbonate	500 gm	5
50	Benedict's reagent	500 ml	5
51	Fehling's solution 'A' and 'B'	Each 500 ml	5
52	Phosphotungstic acid	100 ml	4
53	Acetic acid (10%)	500 ml	5
54	Manganese sulphate monohydrate	500 gm	5
55	Universal indicator solution	500 ml	2
56	Phosphate buffer	100 gm	1
57	RBS Diluting Fluid	500 ml	2
58	WBC Diluting Fluid	500 ml	2
59	Chick Ringer solution	500 ml	2



60	Acetylcholine	50 mg	1
61	Adrenaline	50 mg	1
62	Giemsa Stain	50 mg	2
63	Iso propyl alcohol	500 ml	3
64	Folin -Phenol Reagent	50 mg	1
65	Pig Spleen DNA	50 mg	1
66	Yeast RNA	50 mg	1
67	Diphenyl amine Reagent	500 ml	1
68	Murexide Indicator (Ammonium purpurate)	500 ml	1
69	Stannous Chloride Solution	50 mg	1
70	Anhydrous Potassium Dihydrogen Phosphate	50 mg	1
71	Barium Chloride	100 gm	1
72	Glycerol	500 ml	2
73	Nutrient Broth	100 gm (Himedia)	8
74	Threonine	5g	1
75	Methionine	5g	1
76	L-Leucine	5g	1
77	Glutamine	5g	1
78	Lugol's iodine solution	500 ml	2
79	Copper sulphate pentahydrate	500 gm	2
80	Ninhydrin Powder	500 gm	1
81	SparknolCleanso-lab glassware detergent	5 litre	2
82	o-Phthalaldehyde (OPA) extrapure AR, 99%	5g	1
83	H ₂ SO ₄	500 ml	2
84	Calcium Phosphate Tribasic (TCP) pure, 90%	500 gm	1
85	KCl	500 ml	1
86	Tri butyrin agar base w/o tributyrin	100 gm	1
87	Skim milk agar	100 gm	1
88	TCA	100 gm	1



89	Hydroxyproline	25 gm	1
90	MgSO ₄	100 gm	1
91	NH ₄ H ₂ PO ₄	100 gm	1
92	K ₂ HPO ₄	100 gm	1
93	Tris HCl buffer	100 ml	1
94	Chitosan	10 gm	1
95	pH Strips indicator 1-14	10 books	1
96	Cotton	500 gms	2

List of Glass wares (Dept. of Zoology)

1	BOD Bottles (250 large)	2 dozen
2	Beaker with lids (500 ml)	24 Nos
3	Petri dishes (large)	30
4	Slides	5 boxes
5	Coverslips	25 boxes
6	Droppers (Large & Small)	1 dozen each
7	Beaker 500 ml	5 Nos
	Beaker 250 ml	15 Nos
	Beaker 100 ml	15 Nos
	Beaker 50 ml	15 Nos
8	Test tubes (normalized)	4 box
9	Pipette (1 ml)	1 dozen
	Pipette (2 ml)	1 dozen
10	Bowl	10
11	Haemoglobinometer (Sahli's)	12 Nos
12	Dissection Trays	45



13	Glass rods	
14	Spatula	12 Nos
15	Measuring Jars (500ml)	10 Nos
16	Glass Spreader	5 Nos
17	Whatman Filter paper	5
18	Small brushes	50 sheets
19	Large brushes for cleaning glassware	20
20	Burette	5
21	Hair Dryer	1



Cynthia
PRINCIPAL
Fatima Mata National College
Kollam