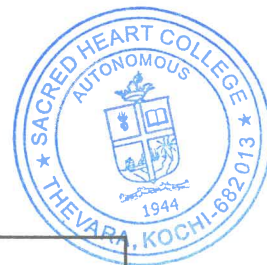
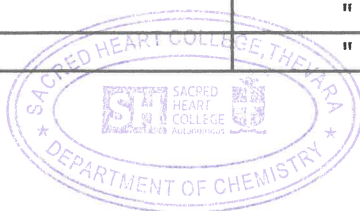


CHEMICALS LIST

DEPARTMENT OF CHEMISTRY



SI NO	CHEMICALS	Specifications/Preferred-Make/Preferred-Mark	QUANTITY	NO
1	Acetone	Nice	25 Ltrs	1
2	Acetophenone	"	500 gm	2 bottle
3	Alizarin S	"	100 gm	3 bottle
4	Alpha Naphthol	"	100 gm	2 bottle
5	Ammonia	"	25 Ltrs	1
6	Ammonium acetate	"	500 gm	2 bottle
7	Ammonium Fluoride	"	500 gm	3 bottle
8	Ammonium mercurothiocyanate	"	250 gm	2 bottle
9	Ammonium nitrite	"	500 gm	2 bottle
10	Ammonium Sulphate	"	500 gm	5 bottle
11	Ammonium sulphide	"	100 gm	1 bottle
12	Aniline	"	500 gm	2 bottle
13	Anthranilic acid	"	250 gm	2 bottle
14	Barium chloride	"	500 gm	2 bottle
15	Bisnaphthol	"	500 gm	5 bottle
16	B-Naphthol	"	250 gm	2 bottle
17	Borches Reagent	"	125 ml	5 bottle
18	Bromine	"	20ml	50
19	Calcium chloride dihydrate	"	500 gm	2 bottle
20	Calcium phosphate	"	500 gm	2 bottle
21	Carbon tetra chloride	"	5 litre	1
22	Catechol	"	250 gm	3 bottle
23	Ceric ammonium sulphate	"	100 gm	1 bottle
24	Chloro sulphonic acid	"	250 gm	1 bottle
25	Chloroform	"	25 Ltrs	1
26	Chromic acid	"	250 gm	2 bottle
27	Cinamic acid	"	500 gm	2 bottle
28	Copper sulphate	"	500 gm	2 bottle
29	Dichloromethane (Methyl dichloride)	"	25 Ltrs	1
30	Diphenyl carbazide	"	10 gm	3 bottle
31	EBT	"	100 gm	3 bottle
32	Ether	"	25 Ltrs	1
33	Ethyl acetate	"	25 Ltrs	1
34	Ethylacetoacetate	"	500 gm	1 bottle
35	Ferric Ammonium Sulphate	"	500 gm	5 bottle
36	Ferric periodate	"	250 gm	2 bottle
37	Ferrous sulphide sticks	"	1 kg	10
38	Gelatin aqueous solution	"	250 ml	3 bottle
39	Glacial acetic acid	"	25 Ltrs	1
40	Hexane	"	25 Ltrs	1
41	Hydrochloric acid	"	25 lts	1
42	Lead nitrate	"	250 gm	2 bottle
43	Magnesium sulphate anhydrous	"	500 gm	3 bottle



44	Magneson Reagent	"	125 ml	1 bottle
45	Maleic anhydride	"	500 gm	2 bottle
46	Mayers reagent	"	125 ml	3 bottle
47	M-Cresol	"	500 gm	2 bottle
48	Mercuric sulphate	"	500 gm	1 bottle
49	Millons reagent	"	125 ml	2 bottle
50	Naphthoic acid	"	250 gm	5 bottle
51	Nitric acid	"	25 Lts	1
52	O-Cresol	"	500 gm	1 bottle
53	O-Nitro Aniline	"	250 gm	2 bottle
54	oxalic acid	"	500 gm	2 bottle
55	Oxine reagent	"	125 ml	1 bottle
56	P- Nitro Aniline	"	250 gm	2 bottle
57	p-Chloro aniline	"	250 ml	2 bottle
58	P-Cresol	"	500 gm	3 bottle
59	pH Buffer capsule (pH 4)	"		2 bottle
60	pH Buffer capsule (pH 7)	"		2 bottle
61	pH Buffer capsule (pH 9)	"		2 bottle
62	Phenol	"	500 gm	10 bottle
63	Phenol red indicator	"	125 ml	2 bottle
64	Phenolphthalein	"	125 ml	10 bottle
65	Phenylhydrazine	"	500 gm	2 bottle
66	Phosphoric acid	"	500 ml	10 bottle
67	Picric acid powder	"	500 gm	1 bottle
68	Picrolinic acid	"	250 gm	1 bottle
69	P-Nitro phenol	"	250 gm	2 bottle
70	Potassium chromate	"	250 gm	2 bottle
71	Potassium persulphate	"	500 gm	1 bottle
72	Pottasium Hydroxide pellets	"	500 gm	2 bottle
73	Pottasium iodide	"	500 gm	2 bottle
74	Pottasium thiocyanate	"	500 gm	2 bottle
75	Pthalic acid	"	500 gm	2 bottle
76	Resorcinol	"	100 gm	2 bottle
77	Salicylaldehyde	"	100 ml	2 bottle
78	Salicylic acid	"	500 gm	2 bottle
79	Schiffs Reagent	"	125 ml	5 bottle
80	Silica gel 100-200 mesh	"	500 gm	5 bottle
81	Silica gel 60-120 mesh	"	500 gm	5 bottle
82	Silver chloride	"	25 gm	1 bottle
83	Sodium acetate	"	500 gm	5 bottle
84	Sodium bicarbonate	"	500 gm	5 bottle
85	Sodium hexanitro cobalt(III)	"	125 gm	3 bottle
86	Sodium Hydrogen phosphate	"	500 gm	3 bottle
87	Sodium Hydroxide pellets	"	500 gm	5
88	Sodium rhodizonate	"	5 gm	1 bottle
89	Sodium Sulphate	"	500 gm	5 bottle
90	Sodium sulphide	"	500 gm	2 bottle
91	Sodium Sulphite	"	500 gm	5 bottle
92	Sodium thiosulphate	"	500 gm	5 bottle
93	Sodium tungstste	"	100 gm	1 bottle
94	Strontium Chloride	"	500 gm	1 bottle

95	Sulphuric acid	"	25 lts	1
96	Thiourea	"	500 gm	3 bottle
97	TLC plate	"		3 box
98	Toluene Rectified	"	25 Ltrs	1
99	Tris buffer	"	250 gm	1 bottle
100	Zinc Sulphate	"	500 gm	5
101	Zinc sulphate	"	500 gm	2 bottle
102	Lead Carbonate	"	500 gm	5

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DEPARTMENT OF BOTANY

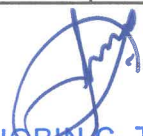
SI NO	CHEMICALS	Specifications/Preferred-Make/Preferred-Mark	QUANTITY	NO
1	Acetone	Emplura	500ML	6
2	Ammonium heptamolybdate tetrahydrate	Emplura	100GM	1
3	Formaldehyde solution (37 - 41% w/v)	Nice	20L	1
4	Pentachlorophenyl laurate	Sigma-Aldrich	25 mg	2
5	Potassium Permanganate	Nice	500gm	5
6	Water-saturated phenol , for molecular biology	Himedia	100ml	8
7	Hi-SYBr safe gel stain	Himedia		1
8	Bromophenol blue	Himedia		1
9	DNA Gel Loading Dye (6X)	Thermo Scientific™	1ml	1
10	Orange G, Practical grade	Himedia		1
11	Lampsolv	Nice	500ml	5
12	Tert-Butyl Alcohol	Merck	500ml	4
13	Sucrose	Merck	500gm	4
14	Acetic acid glacial	Supelco	500ml	4
15	Amyl-Alcohol	Nice	500ml	1
11	Boric acid	Emplura	500gm	2
12	Glycerol	Nice	500ml	2
13	Teepol		10L	1
14	Sulphuric Acid	Merck	500ml	7
15	Ethyl Acetate	Nice	500gm	3
16	Ferrous sulphate	Nice	500gm	2
17	Iodine solution	Nice	100ml	8
18	L-Ascorbic acid	Merck	100gm	2
19	Pottassium Antimony Tartarate			1
20	Ascorbic Acid			1
21	Sodium Nitrite			1
22	Potassium Iodide			1
23	Pottasium Hydroxide			1
24	Potassium Dihydrogen Phosphate			1
25	Manganese Sulphate			1

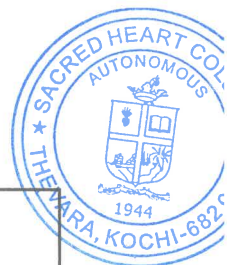
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DEPARTMENT OF ZOOLOGY

SI NO	CHEMICALS	Specifications/Preferred-Make/Preferred-Mark	QUANTITY	NO
1	1,4-Dichlorobenzene (p-Dichlorobenzene) 99%,	Nice	500 gm	1
2	3,5-Dinitro Salicylic Acid 98%	Nice	25 gm	1
3	Acetic acid glacial 99.5%	Nice	500 ml	3
4	Agar Agar	Himedia	500gm	1
5	Aluminium foil 9 mtrs roll		roll	5
6	Amino acid kit for Biochemistry	Himedia	kit	1
7	Basic fuchsin M.S. (Dye content - 88%) (Fuchsin basic stain powder)	Nice	25 gm	1
8	Benzene 99%,	Nice	500 ml	1
9	Blood lancet SS	Labtech	each	200 nos.
10	Blood typing ABD antibodies kit			3
11	Blotting paper white sheet		sheet	10
12	Boiling tubes 25 mm diameter			15 nos
13	Brilliant green lactose bile broth medium	hiMedia	100 g	1
14	Bromophenol blue solution	Nice	125 ml	1
15	Carbonyl fixative			
16	Chloroform,	Nice	500ml	1
17	Cleansol (Laboratory detergent-neutral)	Nice	500 ml	2
18	Cling film PVC food grade 30mtr roll		roll	8
19	Copper sulphate	SRL	250 g	1
20	Colchicine	Nice	10 g	1
21	Cotton absorbent 300/400gm roll	Ramaraju	roll	5
22	Lactophenol Cotton blue stain	Himedia	100 ml	1
23	Eosin Methylene Blue	Himedia	100gm	
24	Eosin yellow stain solution 2% w/v,	Nice	125 ml	1
25	Formaldehyde	Molychem	5 L	2
26	Gloves nitrile powder free small/medium/large (Pack of 100)	Surgicare Syntho	Pkt	Medium-1, L-1
27	Glycerine (Glycerol) 98%	Nice	500 ml	1
28	Gram Staining Kit	Nice		3
29	Hand Salinity refractometer	Erma		1
30	Hydrogen peroxide 100vol. (30% w/v)	Nice	100 ml	1
31	Lactose broth	Himedia	500 gm	1
32	Lampsol LR, (For Spirit Lamp Only)	Nice	500 ml	5
33	Leishman's stain solution-Improved (with buffer),	Nice	100 ml	4
34	Lugol's Iodine 5% w/v	Nice	125ml	1
35	Mac Conkey Agar	Himedia	500gm	1
36	Magnesium chloride 97%	Nice	500 gm	1

37	Manganous sulphate monohydrate 99% (Manganese sulphate),	Nice	500gm	1
38	Methanol (Methyl alcohol) acetone free 99%	Nice	500ml	2
39	Methylene blue aqueous	Nice	125ml	1
40	Nutrient broth			1
41	oxidase test strips/ NNNN-tetramethylene diamine dihydrochloride	Himedia/Loba		1
42	Para dichloro benzene			
43	Paraffin liquid light,	Nice	500ml	3
44	Peptone	Himedia	100gm	1
45	Phosphate buffered saline pH 7.2 1x	Himedia	500 ml	
46	Picric acid saturated solution	Nice	125ml	1
47	Proteinase K ex. Tritirachium Album (Type A) for molecular biology, 30U/mg,	SRL	10mg	1
48	RBC diluting fluid	SRL	100 ml	1
49	Schiff's reagent (For detection of aldehydes),	Nice	125ml	1
50	Silver nitrate		25 gm	2
51	Sodium dihydrogen orthophosphate (sodium phosphate monobasic) 98%	Nice	500gm	1
52	Sodium hydroxide flakes 96%	Nice	500gm	1
53	Sodium metabisulphite 95%	Nice	500gm	1
54	Sudan III	Nice	25gm	1
55	Sulphuric acid	Nice	500 ml	1
56	Tert-Butyl alcohol (2-Methyl propan-2-ol) 99%	SRL		1
57	Tissue paper 100gm roll	Hylex	roll	20
58	Test tube stand for large tubes			4
59	TLC sheet	Supelco	1 pack	
60	Toluidine blue solution	Nice	100 ml	
61	Whatatman's Filter paper			
62	Xylene rectified 99%, extrapure	Nice	500ml	1
63	Amikacin discs	Himedia	vial	1
64	Chloramphenicol discs	himedia	vial	1
65	Erythromycin discs	himedia	vial	1
66	Norfloxacin discs	himedia	vial	1
67	Bovine Serum Albumin	Nice	5 gm	1
68	EMB agar	Himedia	250 gm	1


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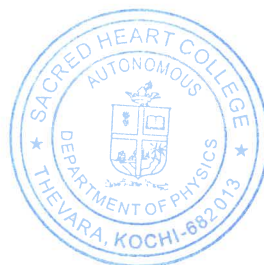
DEPARTMENT OF AQUACULTURE

SI NO	CHEMICALS	Specifications/Preferred-Make/Preferred-Mark	QUANTITY	NO
1	Formaldehyde	Nice	5 L	1
2	Methyl Red solution	Nice	125 ml	2
3	Bromocresol Green solution	Nice		2
4	Hydrochloric Acid (0.1N) N/10	Nice	500ml	2
5	Pottassium Sulphate Emplura	Merck	500g	1
6	Sodium Hydroxide Pellets 97%	Nice	500g	3
7	Petroleum Ether 60-80°C	Nice		2
8	Boric Acid Powder Emplura	Merck	500g	1

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DEPARTMENT OF PHYSICS

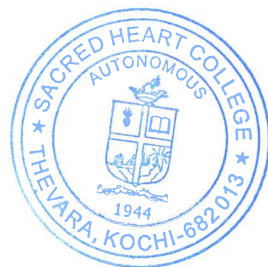
SI NO	CHEMICALS	Specifications/Preferred-Make/Preferred-Mark	QUANTITY	NO
1	Gadolinium(III) nitrate hexahydrate, $Gd(NO_3)_3 \cdot 6H_2O$	Merck	50 g	1
2	Europium nitrate $Eu(NO_3)_3 \cdot xH_2O$	Merck	50 g	1
3	Poly(L-Lactic Acid) PLLA Mol wt 85,000-160,000	Merck	100 g	1
4	Polyglycolide PGA, Mol wt 85,000-160,000	Merck	100 g	1
	Ferric Nitrate	Merck	500 g	1 bott



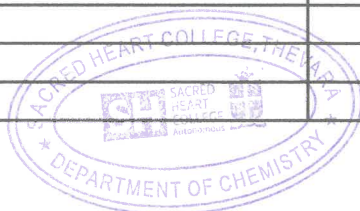
Dr. Suma
Dr. Suma (for 140)

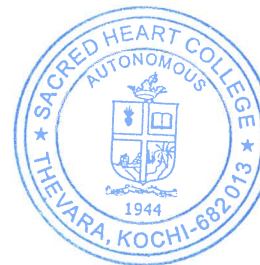
GLASSWARE LIST

DEPARTMENT OF CHEMISTRY



SI NO	GLASSWARES	Specifications/Preferred-Make/Preferred-Mark	QUANTITY
1	Automated pipette		5 Nos
2	Beaker (1000ml)	Borosil	5
3	Beaker (100ml)	Borosil	50
4	Beaker (2000ml)	Borosil	5
5	Beaker (250ml)	Borosil	100
6	Beaker (3000ml)	Borosil	2
7	Beaker (400ml)	Borosil	100
8	Beaker (500ml)	Borosil	25
9	Bunsen burner		10
10	Calomel electrode		1 Nos
11	Capillary tube one sided		2 box
12	capillary tube two sided		5 box
13	China dish		50
14	condenser	Borosil	10
15	conical flask (250ml)	Borosil	50
16	Copper & Silver electrode		1 Nos
17	Cotton (absorbant)		4 pkt
18	DROPPER		100
19	Gooch apter		30
20	Iodine flask	Borosil	25
21	Iodine flask	Borosil	25 Nos
22	IR lamp		6
23	Loop holder		10
24	Microburette	Borosil	20
25	Nylon brush		200
26	Ostwalds viscometer	Borosil	10 Nos
27	pH paper		2 pack
28	Pipette 20ml	Borosil	50
29	Pipette bulb (rubber)		100
30	Plastic tray (Multi tray 222)		10 Nos
31	Reagent bottle	Borosil	50
32	Round bottom flask (100ml)	Borosil	15
33	Round bottom flask (250ml)	Borosil	10
34	Round bottom flask (50ml)	Borosil	10
35	Rubber cork (No 7)		100 Nos
36	Rubber tube (8mm)		20 Meter
37	Seperating funnel	Borosil	30
38	Stainless steel flat bottom bowl (14 cm diameter & 8 cm height)		100 Nos
39	Stalagmometer		10 Nos
40	Standard flask (1000ml)	Borosil	15
41	Standard flask (100ml)	Borosil	50
42	Standard flask (500ml)	Borosil	10





43	Test tube (13ml)	Borosil	100
44	Test tube (3ml)	Borosil	100
45	Test tube (7ml)	Borosil	100
46	Thermometer 110 degree celsius		20
47	Thermometer 360 degree celsius		30
48	Three finger clamp		50
49	Weighing bottle	Borosil	150
50	Whatmann 40 ashless filter paper		200 Nos
51	kipps Apparatus (1000 ml)	Borosil	1

Jinu

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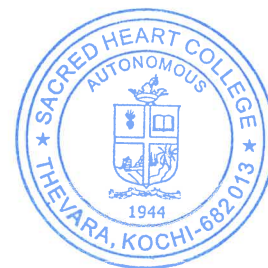
DEPARTMENT OF BOTANY

SI NO	GLASSWARES	Specifications/Preferred-Make/Preferred-Mark	QUANTITY
1	Chromatographic paper sheets		24 Sheets
2	Aluminium foil		1 roll
3	Cling film roll		1 roll
4	Micropipette 5 ml	Borosil	1
5	Rectangular Museum Jar 5 liter	Borosil	20
6	Rectangular Museum Jar 1 liter	Borosil	15
9	1 ml Pipette		15
10	Pipette pump (5 ml)		10
11	Cavity block		10
12	Beaker 500ml	Borosil	10
13	Measuring cylinder 250ml	Borosil	5
14	Measuring cylinder 100ml	Borosil	5
15	Measuring cylinder 50ml	Borosil	5
16	Funnel (Medium size)		10
17	Cover slip		1 box (12 pieces)
18	Haemocytometer		5 No.s
19	Stage and Ocular Micrometer		7 sets

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DEPARTMENT OF ZOOLOGY



SI NO	GLASSWARES	Specifications/Preferred-Make/Preferred-Mark	QUANTITY
1	Cavity slide 50 nos pack		1pkt
2	Cover slip square 18x18mm (Pack of 50Nos.)	Labtech	5 Pkt
3	Coverslip (rectangle)		2 pkt
4	Glass slide 26x76mm (1"x3") 1-1.2mm thickness (Pack of 50Nos.)	Ultimate	5 Pkt
5	Spirit lamp (glass)		6
6	coupling jars		20
7	Petri dishes		50
8	Glass Beaker 150 ml		7
9	Measulring Cylinder 100 ml		2


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DEPARTMENT OF AQUACULTURE

SI NO	GLASSWARES	Specifications/Preferred-Make/Preferred-Mark	QUANTITY
1	Conical flask 100ml	Borosil	2
2	Conical flask 250 ml	Borosil	2
3	Glass beaker 500 ml	Borosil	2
4	Glass beaker 1000 ml	Borosil	2
5	Measuring Jar 100 ml	Borosil	1
6	Measuring Jar 500 ml	Borosil	1
7	Volumetric flask 250 ml	Borosil	2
8	Glass burette 50 ml	Borosil	8
9	Glass pipette 1 ml	Borosil	5
10	Glass pipette 2 ml	Borosil	2
11	Glass pipette 5 ml	Borosil	2
12	Stainless steel extra long tongs (forceps)	NJ	3
13	Stain less steel dissection needlepack of 4	forgesy	1
14	Extraction Thimble Cellulose 28x100mm	Cytiva Whatman	4


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