

ST.XAVIER'S COLLEGE, THUMBA

P.D. Fund 2024-25

LIST OF EQUIPMENT/GLASSWARE/CHEMICALS/OTHER CONSUMABLES

EQUIPMENT				EQUIPMENT			
Sl.No	Items	Qty	Specification	Sl.No.	Items	Qty	Specification
1.	WBC Pipette	5		2.	Compound Microscope	3	
3.	Digital Storage Oscilloscope	1	100mhz,2Ch Model. GDS 1102B, Make GW instek	4.	RF Oscillator	1	5 MHz
5.	Quartz Plates	10	50mm*25mm*1mm	6.	Soldering iron stand	5	
7.	Galvanometer (analog)	5		8.	Ammeter (analog)	5	
CHEMICALS				CHEMICALS			
1.	Acetone	500mlx2	LR grade	2	Ammonium carbonate	500g x 1	LR grade
3.	Ammonium ferric sulphate	500g x 2	LR grade	4.	Ammonium Ferrous Sulphate	500 g x2	AR grade
5.	Barium chloride	500g x 1	LR grade	6.	Benzoyl chloride	500mL x1	LR grade
7.	Brosche's Reagent	125ml x1	LR grade	8.	Bromine water	500ml x 1	LR grade
9.	Phosphate	100g x 1	LR grade	10.	Calcium chloride	500g x 6	LR grade
11	Calcium phosphate	100g x 1	LR grade	12.	Ferrous sulphate	500g x 1	LR grade
13.	Hydrogen peroxide	500ml x 1	LR grade	14.	Lead acetate	500g x 1	LR grade
15.	Lead nitrate	1 kg x 1	LR grade	16.	Magnesium acetate	500g x 1	LR grade
17.	Magnesium chloride	500g x 2	LR grade	18.	Magneson reagent	125ml x 2	LR grade
19.	Manganese acetate	500g x1	LR grade	20	Mercuric chloride	100g x 2	LR grade

21.	Methanol	2.5L x 1	LR grade	22.	Methyl Orange	125mlx2	LR grade
23.	Phenol	500g x 2	LR grade	24.	Phenolphthalein	125ml x 1	LR grade
25.	Phenyl Hydrazine	500mL x 1	LR grade	26.	Potassium Dichromate	500g x4	AR grade
27.	Potassium Iodide	250g x 1	LR grade	28.	Sodium	100g x 1	LR grade
29.	Sodium hydroxide	100g x 2	LR grade	30.	Sodium nitrite	500g x1	LR grade
31.	Sodium thiosulphate	500g x1	LR grade	32.	Sulphuric acid	2.5L x 4	LR grade
33.	Stannous Chloride	500g x 1	LR grade	34.	Tollen's reagent	125ml x1	LR grade
35.	Acetic acid glacial	500ml x2	AR grade	36.	Sodium Laurryl sulphate	250 gm x 1	AR grade
37.	Potassium Acetate	500 gm x 1	AR grade	38.	Crystal Violet	125ml x1	AR grade
39.	Nutrient Agar	100gm x 1	AR grade	40.	Mac Conkey Agar	100gm x1	AR grade
41.	LB Agar	100gm x1	AR grade	42.	Simon Citrate agar	100gm x 1	AR grade
43.	Liquid paraffin	500ml x 1	AR grade	44.	Accusol	500ml x 2	AR grade
45.	Lampsolve	500ml x 2	AR grade	46.	Safranine stain	125ml x 1	AR grade
47.	Grams Iodine	125ml x 1	AR grade	48.	Copper sulphate	500gm x 1	AR grade
49.	Sodium Hydroxide flaks	500gm x 1	AR grade	50.	Potassium Hydroxide	500gm x 1	AR grade
51.	Sulphuric acid	500ml x 4	AR grade	52.	Nitric acid	500ml x 4	AR grade
53.	Sodium Carbonate	500gm x 1	AR grade	54.	Anthrone	500gm x 1	AR grade
55.	Glucose	500gm x 1	AR grade	56.	Phenol	500gm x 1	AR grade

57.	Fructose	100gm x 2	AR grade	58.	BSA	5gm X 2	AR grade
59.	Acetone	500ml x 1	AR grade	60.	Chloroform	500ml x1	AR grade
61.	Hydrochloric acid	500ml x 4	AR grade	62.	Ehrlichs reagent	125ml x 1	AR grade
63.	Isatin	25gm x 1	AR grade	64.	Mercuric sulphate	100gm x 1	AR grade
65.	Phenyl hydrazine	250ml x 2	AR grade	66.	Picric acid	250gm x 2	AR grade
67.	Ninhydrine solution	125ml x 4	AR grade	68.	Folin reagent	125 ml x 2	AR grade
69.	Sulphanilic acid	100gm x 1	AR grade	70.	L-Tryptophan	5gm x 1	AR grade
71.	L -Tyrosine	25gm x 2	AR grade	72.	Casein	250gm x2	AR grade
73.	Oleic acid	500ml x 1	AR grade	74.	Iodine resublimed	50gm x1	AR grade
75.	a-Naphthol	100gm x 1	AR grade				

GLASSWARE

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1.	Glass micro slides	100 nos		2.	Convex lens	5 nos	F= 10cm
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Note: Preferred Brand of Chemicals - NICE

OTHER CONSUMABLES

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1.	Filter paper Ordinary	100 sheet		2.	Connecting Wire	1 roll	22 SWG
3.	Aluminum Foil	2 nos		4.	Cover slip	2	22 mm square pkt. Blue star
5.	Tissue paper roll	5 nos		6.	Laboratory towel	5 nos	
7.	Cotton Absorbent	5 nos		8.	Gloves	1 nos	100 pkt
9.	Mask	1 nos	100pkt	10.	Blotting paper sheet	1 nos	

[Signature]
DRAWING AND DISBURSING OFFICER

ST.XAVIER'S COLLEGE, THUMBA

ST.XAVIER'S COLLEGE P.O.

TRIVANDRUM - 695 586