

Sree Narayana College, Nattika

DBT-STAR: Tender list of Consumables 2024-25

Department wise list

Post graduate and Research Department of Botany -Chemicals and glasswares

Chemical	Quantity	No
LB broth	500mg	3
Agar	500 mg	2
SDS 10%	500ml	3
Proteinase K		1
Sodium acetate	500mg	1
Mgcl2	500ml	1
Glacial acetic acid	500ml	2
Methanol	7 litre	
sucrose	500g	1
DPPH	125 ml	2
Alpha amylase test kit		2
Alpha glucosidase	25gm	
Bromocresol green	25 ml	2 bottle
Dragendroffs reagent	125 ml	2bottle
MS media	500mg	1
IAA	125mg	1
Cytokinin	125mg	1
Lamp		3
Lampsol		2
Lamp-thread		
Swabs		10
Gloves and masks		2packet each
Nuclease free water or milliq water	500ml	1
Diclofenac	5g	
Atropine	125ml	1
Hager's reagent	125ml	
Wagner's reagent	125 ml	
Sodium carbonate	500gm	
Pyridine	250 gm	
Sodium nitroprusside	500gm	
Sodium picrate	500gm	
Picric acid	500gm	
Ammonia	500ml	
Phloroglucinol	250gm	
Pottasium iodide	250gm	

SDS	200gm	
Hydrogen peroxide	500ml	
Acetocarmine	100gm	
Phenolphthalene	250 ml	
EDTA	500gm	
Tannic acid	500ml	
Ferric chloride	500ml	
Azocasein	5mg	
DMSO	500ml	
Tetrazolium	125 ml	
Calcium chloride	500g	
Fructose	250g	
Phosphoric acid	500ml	
Erichrome	250gm	
folin ciocalteu reagent	250ml	
Lead acetate	500gm	
Gelatin	500gm	
bromophenol blue	125 ml	
Chromic acid	250 ml	
Trypan blue	125g	
Nitric acid	500ml	
Formalin	500ml	
Potassium dichromate	500gm	
chloroform	500ml	
Benzene	500ml	
Phenol	500ml	
Anthrone reagent	500ml	
Murexide	250gm	
Safranin	250gm	
Tissue Paper		10
Spatula- Small and large		5
Dropper- glass		10
Testtube holder		5
Centrifuge tube		12
Filter paper-45		3box
Whatman no 1 filter paper-sheet		2
Aluminium foil		2 roll
Surgical blade and holder		5
Droper-plastic		10
Linalool	10gm	
Dragendroff'sreagent	125ml	
Specimen jar		
Measuring cylinder	Various volume	
Conical flask	Various volume	
Petriplates		

Droppers		
Test tube	125	
Thermometer	110	
Slide		
Coverslip		
Needle		
Acetocarmine		
Micropipette		
Burette stand		
Burette	50ml	
Resin 3:1		
Paraffin wax	500	
Benzyl adenine	250	
Antibiotic taxim		
Citric acid	500	
Tween 20		
Mercuric chloride	100	
Bavistin		
Silver nitrate	10	
Butter paper		
PH buffer capsule 4 and 7		
Trypsin		
TLC plate-Aluminium	box	
Chloroform	500	
Hexane	500	
Petroleum ether	500	
Diethyl ether	500	
Acetonitrile	500	
Acetone	500	
Griess reagent		
Sulphanilamide	125	
Tris HCL		
Folin Denis reagent		
nutrier Agar medium		
PDA medium		
Nylon filte0.2microlitre		
Na HCo3		
Sulfonamide		
naphthalene ethylenediamine dihydrochloride		
Ortho Phosphoric acid	500	
Phosphate buffer saline	500	
Nutrient Broth	500	

Post Graduate Department of Physics

Department of Physics
Sree Narayana College Nattika
DBT Star 2024-25 - Recurring items

Sr:No:	Item	Quantity
1	Resistance box(1-100ohm)	4
2	Resistance box(1-10000 ohm)	4
3	Resistance box(0.1 - 10 ohm)	4
4	Multimeter	5
5	DC power supply	4
6	Dual power supply	4
7	Coloured LED lamps(blue, red, yellow, green)	4
8	Grating	2
9	Tool kit (Hand saw with carbon steel blade, Bit set: slotted: PH: Torx: Hex: Adapter, LED torch light, Precision screwdriver Size: PH1,PH0, slotted 1.6MM,2.0MM, 5m tape, 3M measurer tape, adjustable wrench, hex keys, Claw hammer, Long nose pliers, Combination pliers, bit handle with A3 steel, Screwdriver PH , SL, Tester, 18mm knife,1/4dr sockets with carbon steel, hardware pcs, blow mode case size)	1
10	Neodymium magnet- N35 Super Strong Cylinder Magnets Rare Earth Neodymium 10mm x 3mm	100 pcs
11	Horse shoe magnet - 0.3Tesla, 0.4 tesla	2
12	Hollow prism	3
13	Ammeter (0-100 micro Amp)	3
14	Ammeter (0-10 mA)	3
15	Ammeter (0-100 mA)	5
16	IC (7400, 7408, 7432, 7402, 7404)	5*5 = 25
17	Grating stand	10
18	Prism stand	5
19	Prism	10
20	Acetone	5 litre
21	Connection wire	50m
22	Table lamp (nonrechargable, 220V ac)	5
23	Meter scale for Youngs Modulus Experiment	5
24	Convex Lens 10cm, 100 cm(focal length), diameter 50mm	5 each
25	Spirit level with brass body	3
26	Telescope scale 0 - 50 cm	5
27	Variable resistor - potentiometer 1k, 5k,10k	5 each

28	Voltmeter (0-1), (0, 5)	3 each
29	Step down transformer with plug(6-0-6)	3
30	Silver conductive paste (Purity >99.9%, APS - 1.5micrometer,)	25 gram
31	Molybdenum Boat - Standard for vacuum coating unit, Length: 50 mm Width: 10 mm, Molybdenum thickness: 0.3 mm Purity: 99.95% Melting Point: 2623°C	10
32	Molybdenum basket for coating unit	
33	18AH 12V SMF battery	3
34	Electrical Insulation tape - PVC TAPE 1933B, 33M X 19MM	5
35	Alligator (Crocodile) Clip Red+Black - Small	20 pairs
36	60A Red And Black Car Alligator Clips Battery Crocodile Clamps	4 pairs
37	Lead - Pb(Purity 99.999%)	20 Grams
38	Antimony - Sn (Purity 99.999%)	20 Grams
39	Glass beakerVolume: 200ml, 6.8oz Material: 3.3 Borosilicate Glass, Uniform wall thickness Convenient to use: Low Form with printed graduation, Extra large marking spot Tolerance: approximately +/- 5% Meet Standard	5
40	Test tubes 5 ml	10
40	Test tubes 10 ml	10
41	Test tubes 50 ml	5
42	Liquid Mercury	100 Gram
43	Transistor BC 107	50
44	Transistor SL 100	10
45	Capacitor 100 Micro farad 63V	10
46	Transformer 9-0-9 v With AC cod wire	5
47	7 x 9 cm Universal PCB Prototype Board Single-Sided 2.54mm Hole Pitch	10
48	High Voltage Transformer DC 3V to 400kV Boost Step-up Power Module High-Voltage Generator	2
49	Toner Cartridge- CF283A/CRG-337/137/737 (Ffor Canon MF 2442dw)	2
50	Bread Board	5

Department of Chemistry

List of Chemicals for quotation under DBT 2024-25

Sl. No	Name of Chemical	Unit
1	1,4-Dichlorobenzene	500
2	1-Butanol	500 mL
3	Acetanilide	500
4	Activated carbon	
5	Acetic Acid	2.5 L
6	Acetone	2.5 L
7	Acetophenone	500 mL
8	Aluminium Nitrate	500 gm
9	Amino acid kit	
10	Ammonia Solution	2.5L
11	Ammonium Acetate	500 gm
12	Ammonium Carbonate	500 gm
13	Ammonium Ceric Sulphate	100
14	Ammonium Chloride	1 Kg
15	Ammonium dichromate	500
16	Ammonium meta vanadate	100
17	Ammonium Oxalate	500 gm
18	Ammonium Thiocyanate	500 gm
19	Barium Nitrate	500 gm
20	Benzaldehyde	500
21	Biphenyl	500 gm
22	Borax	500
23	Borshers reagent	125 mL
24	Calcium Nitrate	500 gm
25	Chlorobenzene	500 mL
26	Chloroform	500 mL
27	Copper Sulphate	500 gm
28	Deionized water -	2.5L
29	2,4-Dichloro Benzoic Acid	500 gm
30	Ether	500 mL
31	Ethyl acetate	500
32	Ethyle Benzoate	500 mL
33	Ferric Alum	500 gm
34	Ferrous Sulphide Sticks	1 Kg
35	Glucose	500 gm
36	Glycerol	2.5L
37	Glycerol	500 ml

38	Hexane	2.5
39	Hydrochloric Acid	2.5L
40	Hydrogenperoxide	500 ml
41	Iodine	100 gm
42	Isopropyl Alcohol-Extra Pure	2.5 L
43	Lanthanum(III)nitrate hexahydrate	5 g
44	Magnesium Nitrate	500 gm
45	Magnesium Sulphate	500
46	Mercuric Chloride	250
47	Methyl Acetate	500 mL
48	Mohrs Salt	500 gm
49	Naphthalene	500 gm
50	Nickel(II) nitrate hexahydrate	20g
51	Nitric Acid	2.5 L
52	Phenol	500 mL
53	Potassium Carbonate	500
54	Potassium dichromate	500
55	Potassium iodide	250
56	Potassium Permanganate	500
57	Polyvinyl chloride	500
58	Poly vinyl alcohol	500
59	Poly tetrafuloroethylene	250
60	Schiffs Reagent	125 mL
61	Silver Nitrate	100
62	Sodium Carbonate	500 gm
63	Sodium Hydroxide	1 Kg
64	Sodium Potassium Tartrate	250
65	Sodium metal	500
66	Sodium Selenite	100
67	Sodium Sulphate	500
68	Sodium Sulphide flakes	500
69	Sodium tungstate	100
70	Stannous Chloride	500 gm
71	Sulphuric Acid	2.5 L
72	Tissue paper	packet
73	Tetrahydrofuran	100/250
74	TLC plate (Box)	
75	Thorium Nitrate	100
76	Triethylamine	500 ml
77	Urea	500 gm
78	Zinc Acetate	500
79	Zinc nitrate	500

80	Zinc Oxalate	500
81	Zinc Sulphate	500
82	Zirconium(IV)oxide	100
	Glass wares	Make
1	Boiling Tube 25*150	BOROSIL
2	Burette - 10 ml(glass stop cock)	BOROSIL
3	Burette - 50 ml (glass stop cock)	BOROSIL
4	Cappillary Tube -Box	
5	Chromatographic paper no.1 Sheet	
6	Filter Paper Ordinary Sheet	
7	Filter paper No. 1 Sheet	whatman
8	Guard tube	
9	Kipps Apparatus-250 ml Plastic	TARSON
10	Pipette 10 ml (Not graduated)	BOROSIL
11	Separating Funnel 250ml	BOROSIL
12	Stop watch	
13	Test tube 15*125 with brim	BOROSIL
14	Test tube holder - Iron	
15	Thermometer - 110 °C Mercury	Zeal)
16	Thermometer - 360 °C Mercury	
17	Wire Gauze(6*6) with brim	

Post Graduate and Research Department of Zoology

LIST OF CHEMICALS

Sl. No.	Item	Brand
1	Acetocarmine 100ml	NICE
2	Aceton 500ml	NICE
3	Naphthol Alpha 100g	NICE
4	Ammonium chloride 500g	NICE
5	Ammonium molybdate 100g	NICE
6	Ammonium oxalate 500g	NICE
7	Ammonium ferrous sulphate 500g	
8	Blood grouping kit 10ml each	NICE
9	Barfoed's reagent 125 ml	NICE
10	Benedict's reagent 500 ml	NICE
11	Biuret reagent 125 ml	NICE
12	Albumen bovine 5g	NICE
13	Bromothymol blue powder 5g	NICE
14	Bromothymol bluesolution 125ml	NICE
15	Crystal violet solution 125 ml	NICE
16	Dextrin white 500g	NICE
17	Disodium hydrogen phosphate 500g	NICE
18	DPX Mountant 250ml	NICE
19	Eosin yellow stain solution 2% 125ml	NICE
20	Fehling's solution No. 1_ 500ml	NICE
21	Fehling's solution No. 2_ 500ml	NICE
22	Phenol reagent 125 ml	NICE
23	Formaldehyde solution 500 ml	NICE
24	Fructose 100g	NICE
25	Glucose 500g	NICE
26	Dextrose anhydrous 500g	NICE
27	Haematoxyline stain solution 125 ml	NICE
28	Iodine solution 1% 125 ml	NICE
29	Iodine solution N/10 500 ml	NICE
30	Isopropyl alcohol 500 ml	NICE
31	Lactose monohydrate 500 g	NICE
32	L- Aspartic acid 25 g	NICE
33	Leishmans stain solution 250 ml	NICE
34	Lugols iodine solution 125 ml	NICE
35	Lysine 100 g	NICE
36	Maltose 250 g	NICE

37	Manganous sulphate 500 g	NICE
38	Silver nitrate 10g	NICE
39	Mercuric chloride 125 ml	NICE
40	Mercuric sulphate 100 g	NICE
41	Molish's reagent 125 ml	NICE
42	N- Butyl alcohol 500 ml	NICE
43	Neutral red powder 5g	NICE
44	Xylene 500 ml	NICE
45	Periodic acid 25g	NICE
46	Phenol reagent 125 ml	NICE
47	Phenol 500g	NICE
48	Potassium chloride 500g	NICE
49	Potassium dichromate 500g	NICE
50	Potassium iodide 500g	NICE

LIST OF GLASSWARES

Sl. No.	Item	Brand
1	Beaker (500ml)	Borosil
2	Beaker (1000ml)	Borosil
3	Pipette (20ml)	Borosilicate
4	Sterring rod glass 8'	Borosilicate
5	Measuring cylinder 500 ml	Borosilicate
6	Petridish 3''	Borosilicate
7	Hand lens pvc 3'	Borosilicate
8	BOD Bottle (300ml)	Borosil
9	Filter paper What man 125 mm	
10	Cover slip circular 18 mm	
11	Cover slip rectangular 22x50	
12	RBC/WBC pipette Indian	
13	Burette 50 ml	
14	Watch glass 75 mm	
15	Filter paper ordinary 15 c.m	
16	Bloating paper white 125gsm/46x57 inches	
17	Counting Chamber Neubauer (0.1 mm)	
18	Plankton counting chamber 80x100 mm	
19	Cover slip circular 18mm	
20	Pipette 20 ml	
21	BOD Bottle 300 ml	Borosil
22	Measuring Cylinder 500ml	Borosilicate

