

UNIVERSITY OF KERALA

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala Legislative Assembly
NAAC Accredited with A Grade)

DEPARTMENT OF BOTANY



KARIAVATT
THIRUVANANTHAPURAM 695
KERALA, INI
Phone +91-471-2308
Tele-fax: +91-471-230 8
Web site: www.keralauniversity.a
email: botany@keralauniversity.a

10/BOT/1076 /21

09-11-2021

QUOTATION NOTICE

Competitive Quotations are invited for the purchase of following chemicals for research purpose. **Kindly quote lowest price with 5% GST.** The chemicals should be delivered at Department of Botany, University of Kerala, Kariavattom campus, Thiruvananthapuram without any transportation/extra charges.

SL. No.	ITEMS	MAK E	CATALOGUE NUMBER	QUANTITY	PACK SIZE
1.	Chloroform Emplura	Merck	1.94506.2521	25 L	2.5 L x 10
2.	Acetone Emparta	Merck	1.07021.2521	25 L	2.5 L x 10
3.	Petroleum ether 60-80 Emplura	Merck	1.94522.2521	25 L	2.5 L x 10
4.	Ethyl Acetate Emplura	Merck	1.94512.2521	25 L	2.5 L x 10
5.	Toluene Emparta	Merck	1.07019.2521	25 L	2.5 L x 10
6.	Hexane Emparta	Merck	1.07052.2521	25 L	2.5 L x 10
7.	2-Propanol Emplura	Merck	1.94524.2521	25 L	2.5 L x 10
8.	Xylene extra pure	Merck	60868505001730	10 L	500 ml x 20
9.	Glycerine anhydrous Emplura	Merck	1.94501.0521	10 L	500 ml x 20
10.	Formaldehyde sol.min.37% Emplura	Merck	1.94989.0521	10 L	500 ml x 20
11.	1 Butanol Emplura	Merck	1.94502.0521	10 L	500 ml x 20
12.	Isoamyl alcohol Emplura	Merck	8.22255.0521	10 L	500 ml x 20
13.	Aceto Carmine for	Merck	6186310100	3 L	100 ml x 30

	Microscopy				
14.	Hydrogen peroxide 30% Emplura	Merck	1.93407.0521	15 L	500 ml x 30
15.	Acetic acid glacial 100% Emparta	Merck	1.93002.0521	15 L	500 ml x 30
16.	Sulfuric acid about 98% Emplura	Merck	1.93400.0521	15 L	500 ml x 30
17.	Hydrochloric acid about 37% Emparta	Merck	1.93001.0521	15 L	500 ml x 30
18.	Nitric acid about 69% Emparta	Merck	1.93006.0521	15 L	500 ml x 30
19.	Dimethyl sulfoxide (DMSO) Emplura	Merck	1.16743.0521	10 L	500 ml x 20
20.	Sucrose Emplura	Merck	1.94953.0521	1 Kg	500 g x 2
21.	Salicylic acid Emparta	Merck	1.94929.0521	500 g	500 g x 1
22.	Anthrone for synthesis	Merck	8.01461.0025	50 g	25 g x 2
23.	Ninhydrin Emparta	Merck	1.94914.0011	50 g	10 g x 5
24.	Polyethylene glycol 400 for synthesis	Merck	8.07485.0521	500 ml	500 ml x 1
25.	Gallic acid (anhydrous) for synthesis	Merck	8.42649.0250	250 g	250 g x 1
26.	Extran MA 02	Merck	60755305001730	5 L	500 ml x 10
27.	Methyl orange Indicator	Merck	60132200251730	50 g	25 g x 2
28.	Perchloric acid	Merck	1.93004.0521	1 L	500 ml x 2
29.	Vanillin pure, 99%	SRL	98842	25 g	25 g x 1
30.	Molisch Reagent	SRL	15761	500 ml	100 ml x 5
31.	Potassium iodide pure, 99%	SRL	78240	500 g	250 g x 2
32.	Iodine solution	SRL	68017	500 ml	500 ml x 1
33.	Mercuric chloride extrapure, 98%	SRL	25699	250 g	250 g x 1
34.	Sudan IV for microscopy	SRL	57335	100 g	100 g x 1
35.	Schiff's reagent	SRL	17386	1 L	500 ml x 2
36.	Benedict's Reagent Quantitative	SRL	82949	1.5 L	500 ml x 3
37.	Benedict's Reagent Qualitative	SRL	35003	1 L	500 ml x 2

	Safranin 0.5w/v Aq. Solution	SRL	16281	1 L	500 ml x 2
39.	Safranin O	SRL	16593	25 g	25 g x 1
40.	Sodium nitrate extra pure AR, ACS, 99%	SRL	44618	1 Kg	500 g x 2
41.	Clove oil extra pure, 80%	SRL	78746	100 ml	100 ml x 1
42.	Fast green FCF for Microscopy	SRL	60339	25 g	25 g x 1
43.	Janus Green B	SRL	20489	25 g	25 g x 1
44.	8-Hydroxyquinoline AR, ACS, 99.5% extra pure	SRL	23264	500 g	500 g x 1
45.	Fehling's solution A	SRL	89474	1.5 L	500 ml x 3
46.	Fehling's solution B	SRL	12603	1.5 L	500 ml x 3
47.	Ammonia Solution extra pure AR, 30%	SRL	14388	1 L	500 ml x 2
48.	Sodium chloride AR, 99.9%	SRL	41721	1 Kg	1 Kg x 1
49.	Ethidium bromide for molecular biology, 99%	SRL	93079	10 g	5 g x 2
50.	Dragendorff's reagent	SRL	85675	500 ml	125 ml x 4
51.	Silica gel (60-120 mesh) for column chromatography	SRL	65856	7 Kg	500 g x 14
52.	Oxalic acid extra pure AR, 99.5%	SRL	40510	1 Kg	500 g x 2
53.	Aluminium chloride Hexahydrate pure	SRL	90015	1 Kg	500 g x 2
54.	Ammonium sulphate extra pure AR, 99.5%	SRL	88064	1 Kg	500 g x 2
55.	Sodium carbonate Anhydrous pure, 99.5%	SRL	89382	1 Kg	500 g x 2
56.	Sodium hydroxide Pellets purified, 97%	SRL	96311	1 Kg	500 g x 2
57.	Potassium Hydroxide pellets extra pure, 85%	SRL	84749	1 Kg	500 g x 2
58.	L-Ascorbic Acid extra pure AR, 99.7%	SRL	23006	100 g	100 g x 1
59.	Boric acid extra pure, 99.5%	SRL	80266	500 g	500 g x 1
60.	Calcium chloride Dihydrate extra pure AR, 99.5%	SRL	70650	500 g	500 g x 1
61.	Coomassie brilliant blue G-	SRL	64222	10 g	5 g x 2

	250 for Molecular biology				
62.	Aniline blue (water soluble) (Methyl Blue)	SRL	83344	25 g	25 g x 1
63.	Ethylene diamine tetra acetic acid (EDTA) extra pure AR, 99.5%	SRL	40088	500 g	500 g x 1
64.	Pottasium iodide pure, 99%	SRL	78240	100 g	100 g x 1
65.	Mercuric iodide Red pure, 99%	SRL	98926	100 g	100 g x 1
66.	Bromo phenol blue extra pure AR	SRL	11458	50 g	25 g x 2
67.	Lugol's iodine 1% Solution	SRL	78724	500 ml	500 ml x 1
68.	Picric acid extra pure AR, 99.8%	SRL	47998	100 g	100 g x 1
69.	Sodium nitrate AR, ACS, 99%	SRL	44618	500 g	500 g x 1
70.	Toluidine blue O	SRL	22134	25 g	25 g x 1
71.	Salicylic acid extra pure AR, ACS, 99.9%	SRL	62657	500 g	500 g x 1
72.	Riboflavin pure, 98%	SRL	34392	100 g	100 g x 1
73.	Bovine serum albumin (BSA)	SRL	97350	50 g	50 g x 1
74.	Trichloro acetic acid (TCA) extra pure AR, ACS, 99.5%	SRL	60677	500 g	500 g x 1
75.	Cupric Sulphate Penta hydrate Extra pure AR, 99.5%	SRL	61298	500 g	500 g x 1
76.	3,5-Dinitrosalicylic acid (DNS) Extra pure AR, 99%	SRL	38707	100 g	100 g x 1
77.	Ortho phosphoric Acid extra pure AR, ACS, 85%	SRL	50056	1 L	500 ml x 2
78.	5-Sulpho salicylic Acid extra pure, 99%	SRL	44445	500 g	500 g x 1
79.	Sodium bicarbonate extra pure AR, 99.5%	SRL	45437	500 g	500 g x 1
80.	Catechol extra pure, 99%	SRL	26080	100 g	100 g x 1
81.	Sodium potassium tartarate Tetra hydrate extra pure AR, 99%	SRL	18241	1 Kg	500 g x 2
82.	Sodium Phosphate Di basic Anhydrous extra pure AR, 99%	SRL	66273	1 Kg	500 g x 2
83.	Sodium Phosphate	SRL	22249	1 Kg	500 g x 2

	Monobasic Anhydrous extra pure AR, 99%				
84.	Sodium sulphate Anhydrous extra pure AR, 99.5%	SRL	59977	1 Kg	500 g x 2
85.	Crystalline phenol extra pure AR, 99.5%	SRL	14892	1 Kg	500 g x 2
86.	Ferulic Acid pure, 98%	SRL	60096	5 g	5 g x 1
87.	Urea extra pure, 99%	SRL	62762	500 g	500 g x 1
88.	Citric acid Anhydrous extra pure, 99%	SRL	78213	500 g	500 g x 1
89.	D-Fructose extra pure	SRL	42868	500 g	500 g x 1
90.	Inositol pure, 99%	SRL	98211	100 g	100 g x 1
91.	D-Sorbitol Powder extra pure, 98%	SRL	14281	500 g	500 g x 1
92.	Ethylene glycol extra pure AR, 99%	SRL	95361	500 ml	500 ml x 1
93.	DL Malic acid pure, 99%	SRL	24226	500 g	500 g x 1
94.	Folin & Ciocalteus Phenol (FCP) Reagent AR	SRL	39520	2.5 L	100 ml x 25
95.	Ferric Chloride Anhydrous pure, 98%	SRL	72287	1Kg	500 g x 2
96.	DPX	SRL	88147	1 L	500 ml x 2
97.	Paraffin Wax	SRL	86715	1 Kg	500 g x 2
98.	Ammonium hydroxide	SRL	78719	1 L	500 ml x 2
99.	Sodium tungstate	SRL	81499	100 g	100 g x 1
100.	sodium molybdate	SRL	13547	100 g	100g x 1
101.	Potassium iodate	SRL	67864	200 g	100g x 2
102.	Sodium thiosulphate	SRL	89728	1 Kg	500 g x 2
103.	Manganese sulphate	SRL	58011	500 g	500 g x 1
104.	Phenolphthalein	SRL	90179	100 g	100 g x 1
105.	Potassium dichromate	SRL	13250	1 Kg	500 g x 2
106.	Ferrous Ammonium sulphate	SRL	89944	1 Kg	500 g x 2
107.	Diphenyl amine indicator	SRL	98342	200 g	100 g x 2

	Ferriin indicator solution	SRL	57888	200 ml	100 ml x 2
109	Silver sulphate	SRL	17929	10 g	10 g x 1
110	Potassium chloride AR	SRL	38630	1 Kg	500 g x 2
111	Bradford reagent for proteins	SRL	19219	500 ml	100 ml x 5
112	Disodium hydrogen orthophosphate	SRL	53046	1 Kg	500 g x 2
113	Sodium dihydrogen orthophosphate	SRL	22249	500 g	500 g x 1
114	Magnesium chloride	SRL	31196	500 g	500 g x 1
115	2,6-Diichlorophenol indophenol (DCPIP)	SRL	55287	25 g	25 g x 1
116	Glucose	SRL	42738	2 Kg	500 g x 4
117	Methylene blue 1 % Aqueous solution	SRL	97866	500 ml	125 ml x 4
118	Agar (Bacteriological)	SRL	19661	1 Kg	500 g x 2
119	Sucrose	SRL	84973	1 Kg	500 g x 2
120	Gram 's iodine	SRL	10436	50 g	25 g x 2
121	Seliwanoffs Reagent	SRL	29815	500 ml	100 ml x 5

The firms who wish to supply chemicals are requested to submit the **sealed quotations (hard copy only)** to Professor & Head, Department of Botany, University of Kerala, Kariavattom campus, Thiruvananthapuram 695 581, on or Before **17.11.2021, 3.00 pm**

[Handwritten Signature]
9/11/21

Dr. Swapna T S
Professor & Head



PROFESSOR AND HEAD
Department of Botany
University of Kerala, Kariavattom
Thiruvananthapuram - 695 581