

Inviting Quotation for Chemicals

Competitive quotes are invited from reputed firms/companies for the supply of the consumables appended. The Quotations should be submitted in sealed covers, super scribing "QUOTATIONS FOR SUPPLY OF LABORATORY CONSUMABLES" and addressed to **Head, Department of Aquatic Biology and Fisheries, Kerala University Campus, Kariavattom 695581, Thiruvananthapuram, Kerala**. Quotations are to be received in the Department on or before 4 pm, **7th February 2020**.

Sl. No.	Chemical Name	Quantity	Remarks
1	2,4 dinitrophenylhydrazine	500ml	MICROBIAL CULTURE
2	4 nitrophenyl phosphate (PNPP)		enzyme assay
3	acetonitrile-analytical grade	500ml	MICROBIAL CULTURE
4	Acid Fuchsin	10 g	Histology
5	Agar Agar	500g	Microbiology
6	Amm. Hydroxide	20g	
7	ammonium alum	200 g	Histology
8	Amonnium Hepta Molybdate Tetrahydrate	50g	Nutrient Analysis
9	anhydrous potassium nitrate	100 g	Nutrient analysis
10	Aniline Blue	25 g	Histology
11	anthrone reagent	200 g	proximate analysis
12	Ascorbic acid	150 g	enzyme assay
13	Barium diphenylamine sulphonate	60 g	
14	Beef extract Powder Type 1	500g	Microbiology
15	Biebrich scarlet	100 g	Histology
16	Bis(trimethylsilyl) acetamide (BSA)	100mg	MICROBIAL CULTURE
17	Bovine serum albumin	300 g	enzyme assay
18	Bromine Water		Nutrient analysis
19	Bromophenol blue		
20	Calcium Carbonate	50g	Nutrient analysis
21	Carboxy methyl cellulose	300 g	enzyme assay
22	Casein		enzyme assay
23	Chloroform	500 ml	enzyme assay
24	Chloroform: Methanol Mixture	600 ml	MICROBIAL CULTURE
25	Cholesterol	200 mg	MICROBIAL CULTURE
26	Chromium alum	200 g	Histology
27	Crystal Violet	25g	Microbiology
28	Dinitro salicylic acid	300 g	enzyme assay
29	Disodium hydrogen phosphate	100 g	enzyme assay

30	DPPH		Immune Assay
31	EDTA	15g	
32	Ethylene diamine tetra acetate dihydrate	75 g	MICROBIAL CULTURE
33	Eosin	100 g	Histology
34	Erychrome black T (0.2g)	30g	
35	Ferric Chloride	100 g	Histology
36	Ferrous ammonium sulphate	60g	
37	Folin-Ciocalteu reagent	150 ml	MICROBIAL CULTURE
38	formaldehyde in water CRM	1000ml	MICROBIAL CULTURE
39	Formalin	5 L	
40	Glacial acetic acid	500 ml	Histology
41	Glycerin	200 ml	Histology
42	GRAM STAINING KIT		
43	Grams Iodine	500 ml	Microbiology
44	H ₂ O ₂ (30%)		
45	HBSS (Hank's balanced salt solution)		Immune Assay
46	HCl	3 L	Proximate/Histology
47	HCl	500 ml	Histology
48	Hematoxylin	50 g	Histology
49	Isopropanol	100 ml	enzyme assay
50	KIO ₃	50g	Nutrient analysis
51	L-DOPA		Immune Assay
52	Light Green	25 g	Histology
53	Lyophilized Micrococcus lysodeikticus		Immune Assay
54	MacConkey Agar	500g	Microbiology
55	Manitol Motility Test Medium	100g	Microbiology
56	Masson's Trichrome	25 mg	Histology
57	MC CONKEY AGAR	500g	MICROBIAL CULTURE
58	MEAT EXTRACT B POWDER TYPE - 1	500 g	Microbiology
59	MERCURIC IODIDE	120 g	MICROBIAL CULTURE
60	Mercuric Oxide	100 g	Histology
61	MERCURIC SULPHATE	100g	COD
62	Metacresol purple	250 g	
63	Methanol	2.5 L	Immune Assay
64	Methyl orange		
65	Mg salt of EDTA	25g	
66	MRS AGAR	500g	MICROBIAL CULTURE
67	N Propanol	50 ml	Water quality
68	Na nitropruside	3g	

69	NEDA	100 ml	Nutrient analysis
70	Nichrome Wire	1 set	Microbiology
71	Nitric acid	500 ml	
72	NITROBLUE TETRAZOLIUM		Immune Assay
73	NUTRIENT AGAR	500g	MICROBIAL CULTURE
74	ORTHOPHOSPHORIC ACID	1000 ml	MICROBIAL CULTURE
75	Paraffin wax	2 kg	Histology
76	Paranitrophenyl palmitate	100 g	enzyme assay
77	Perchloric acid	200ml	
78	Periodic acid	10 g	Histology
79	Phenol	100 ml	proximate analysis
80	Phosphate buffer	200 ml	enzyme assay
81	phosphomolybdic acid	25 g	Histology
82	phosphoric acid	500g	For HPLC
83	phosphotungstic acid	25 g	Histology
84	Picric acid	100 g	Histology
85	p-nitrophenyl myristate		enzyme assay
86	Ponceau De Xylidine	25 g	Histology
87	potassium (alum)	100 g	Histology
88	Potassium antimony tartarate	20 g	enzyme assay
89	Potassium hydrogen phthalate	20g	
90	POTASSIUM HYDROGEN THALATE	50g	APHA
91	POTASSIUM IODIDE	300 g	For HPLC
92	POTASSIUM SODIUM TARTARATE	45 ml	For HPLC
93	Pottassium antimony tartarate	50g	
94	Resorcinol	10 ml	Nutrient analysis/proximate
95	Salicylic acid	2g	
96	Schiff Reagent	25 ml	Histology
97	SILVER NITRATE	150 g	CHLORIDE
98	Silver sulfite	60 mg	For HPLC
99	SILVER SULPHATE	100g	COD
100	Simmons Citrate Agar	100g	Microbiology
101	Sod. Oxalate	30g	
102	Sodioum hydroxide	30g	
103	SODIUM CARBONATE	50 ml	For HPLC
104	Sodium dihydrogen phosphate	100 g	enzyme assay
105	Sodium hydrogen Sulfate (NaHSO ₄)	50g	
106	Sodium Hydrogen Sulfite (NaHSO ₃)	150g	

107	SODIUM HYDROXIDE	500 g	proximate composition
108	Sodium hypochlorite	5 L	Water quality
109	Sodium iodide	135g	
110	sodium meta bisulphite	100 g	Histology
111	Sodium nitroprusside	100 g	Water quality
112	Sodium oxalate	40g	
113	Stannous chloride	50g	
114	Starch	250 g	enzyme assay
115	Sulphanilamide	200 g	Nutrient analysis
116	SULPHURIC ACID	2.5 L	reagent preparation
117	Tetramethylbenzidine		Immune Assay
118	Trichloro acetic acid	100 ml	enzyme assay
119	Triple Sugar Iron Agar	100g	Microbiology
120	Trypsin powder	1 g	enzyme assay
121	Trypsin		Immune Assay
122	VANILLINE	30 g	reagent preparation
123	ZINC SULPHATE	200 g	for HPLC
124			

Glasswares and other accessories

Sl. No.	Item	Quantity	Remarks
125	BEAKER 100ml	2	
126	BEAKER 500ml	2	
127	BEAKER 1000ml	2	
128	BRUSH	5	
129	BURETTE STAND	20	
130	BURETTE 50ml	10	
131	BURETTE 100ml	10	
132	CONICAL FLASK, 250 ml	5	
133	Culture Tubes with Cap	30	Microbiology
134	DROPPER	10	
135	FILTER PAPER	3 roll	
136	GLASS SLIDE	5 packets	
137	Homogenizer Glass	2	Sample Grinding
138	Inoculation Loop Holder	3	Microbiology
139	INOCULATION LOOP	3	MICROBIAL CULTURE
140	Mortar and Pestle	2	Sample Grinding
141	Parafin Film	1	Microbiology
142	Petri Dish	100	Microbiology

143	SPATULA	10	reagent preparation
144	Spirit Lamp	2	Microbiology
145	STANDARD FLASK 100 ml	2	
146	STANDARD FLASK 1000 ml	2	
147	TEST TUBE(Large size)18×150; 25×150	100	
148	Testube Stand	5	Microbiology
149	Testubes With Cap	50	Microbiology
150	Whatman® 541 (Hardened Ashless) filter paper	2 rolls	for HPLC
151	Gloves (s)	10 pkt	powder free
152	Gloves (M)	10 pkt	powder free
153	Gloves (L)	10 pkt	powder free
154	Mouth piece	10 pkt	
155	Tissue Paper Roll	10 pkt	
156	MEASURING CYLINDER 100ml	2	
157	MEASURING CYLINDER 500ml	2	
158	MEASURING CYLINDER 1000ml	2	
159	PIPPETTE 5ml	2	sample preparation for HPLC
160	PIPPETTE 10ml	2	sample preparation for HPLC
161	cover slips (Large)	5	Staining
162	Cover slips (Small)	5	Staining

Preferred Quality / Brands: Quote Both AR and LR Quality of Chemicals Sigma-Aldrich-Fluka, Merck, Qualigens, Rankem, Himedia, SD Fine, SRL Borosil, Schott Duran, Riviera, Tarson, Millipore, Whatman

Terms and conditions governing “Supply of Laboratory Chemicals/ Glass wares/ Plastic wares/Filter papers/Media”

The intending supplier shall also have to mention, the detailed specifications, name of manufacturer/make, code no. of the Chemicals, Glass wares, & Plastic wares and has to enclose the catalogs for which the rates are quoted.

The rates i.e., discount on printed price list in figures should be quoted for each individual item separately. The rates must be valid up to March 31, 2020.

The intending supplier should quote the inclusive rates and only with Concessional GST @ 5% and delivered at free of cost. The laboratory Chemicals/ Glasswares/ Plasticwares/ Filter papers/ will have to be supplied as per the specifications within SIX WEEKS or as per the last date mentioned in the final supply order.

The supplier shall ensure prompt supply, failing which the quotation will be summarily rejected. Non delivery of items will also lead to cancellation of purchase order without any notice.

Damaged/ broken / inferior quality articles should be replaced by proper ones and will be the responsibility of the supplier.

The advance bill should be presented in triplicate in the name of the Head, Department of Aquatic Biology and Fisheries.

Final payment of consumables will be made only after complete delivery of the material / goods and after the completion of the entire official formalities.

The purchase committee reserves the right to obtain the materials by negotiations from one or more of the supplier, in case the rates, quality, make, specifications or other terms and conditions etc. of supplier are not found appropriate or suitable.

Sd/-

Professor and Head

Department of Aquatic Biology and Fisheries