

CSIR-Central Scientific Instruments Organisation

Date: 11/12/2023

Reference No.: CSIR-CSIO/MSI/HCP0031(WP1.1)/2023-2024/2C/01

Subject: Requirement of Lab consumables (chemicals and plasticwares)

CSIR-CSIO intends to purchase the following chemicals and plasticwares as per the mentioned specifications and amount/quantity:

Details of the items/chemicals


Sr. No.	Name of Chemicals (Specifications/ Purity)	CAS Number	Quantity
1.	Ethanol, (Absolute, AR), >99%	64-17-5	30 Ltr
2.	Water (HPLC Solvents)	7732-18-5	1x50 Ltr
3.	Methanol, for HPLC, gradient grade, ≥99%	67-56-1	8x2.5 Ltr
4.	Chitosan, Low Molecular Weight [50,000-190,000 DA]	9012-76-4	250g
5.	Carboxymethylcellulose Sodium Salt, Low Viscosity	9004-32-4	1.0 kg
6.	Nutrient Broth (suitable for microbiology)	-	1.0 kg
7.	Nutrient agar (suitable for microbiology)	-	1.0 kg
8.	L-Ascorbic acid, >99.0% (T)	50-81-7	500g
9.	Gallic acid, >98.0% (T)(HPLC)	149-91-7	200g
10.	2,2-Diphenyl-1-picrylhydrazyl/DPPH, >97.0% (HPLC)	1898-66-4	2g
11.	Phenol Reagent (Folin & Ciocalteu's)	-	500 mL
12.	Ethylene glycol, ER	107-21-1	4x2.5 Ltr
13.	Tygon high pressure tubing, 10 meter, internal dia. ~7mm and outer dia, ~12- 13		2pk
14.	Deuterium oxide, deuteration degree min. 99.9% for NMR spectroscopy	7789-20-0	25 mL
15.	Drierite, without indicator, particle size 8 mesh	7778-18-9	2.3 kg
16.	Drierite, with indicator, particle size 6 mesh	7778-18-9	2.3kg
17.	Alginic acid sodium salt, algae (marine)	9005-38-3	500g
18.	Copper Sulfate, puriss. p.a., anhydrous, ≥99.0% (RT)	7758-98-7	500g
19.	Potassium iodide, ReagentPlus®, 99%	7681-11-0	100g
20.	Sodium carbonate, powder, ≥99.5%, ACS reagent	497-19-8	500g

21.	Potassium phosphate tribasic, reagent grade, $\geq 98\%$	7778-53-2	500g
22.	L-Tyrosine, Free Base	60-18-4	100g
23.	Test Tube Basket with Cover, PP Autoclavable, Size: 230x230x230, 4pc per pack	-	4 pk
24.	Petri Dish Autoclavable, PP, 125 mm, 12pc per pack	-	10 pk
25.	ISOCHEM Chlorine Test Paper (5ppm-100ppm) 200 Strips (for Swimming Pool use and More)	-	5 pk
26.	pH-indicator strips pH 0 - 14 Universal indicator, non-bleeding, graduations and accuracy: 1 pH unit, 100 strips per pack	-	2 pk
27.	Safety Bottle Container/Carrier, 2.5 Ltr capacity		1 pc
28.	Safety Bottle Container/Carrier, 1.0/1.5 Ltr capacity		1 pc
29.	Micro Tips, 5mL Grad Eppendorf, 100 pcs per pack	-	12
30.	Isopropanol (HPLC)	67-63-0	4x2.5 Ltr
31.	Acetone (HPLC)	67-64-1	4x2.5 Ltr
32.	Hydrochloric acid, ACS reagent, 37%	7647-01-0	2.5 Ltr

Interested firms, who can supply the above items, can send their quotation through email to the undersigned (mknayak@csio.res.in) on or before 30/12/2023. The quotation for the supply of chemicals must be submitted along with the Authorization Certificate of the original manufacturer.

Other conditions:

1. Delivery: F.O.R. CSIR-CSIO Chandigarh
2. Payment Terms: Within 30 days after delivery


11.12.2023

(Dr. Manoj K. Nayak)

Principal Scientist & Indenter, MSSA