

DEPARTMENT OF CHEMISTRY

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

No. CH/2025/ **740**

Date: 04.08.2025

Subject: Call for quotations for chemicals and glassware (Indent No. SCH/25/12)

With reference to Indent no. SCH/25/12 for purchase of Chemicals and Glassware for M.Sc. lab. We are currently in the process of purchasing chemicals and glassware for our M.Sc. Organic Chemistry Lab, and we are seeking a reliable and competitively priced supplier for these items.

Kindly see Annexures I and II for the specification of chemicals and glassware. Submit quotation in a sealed envelope in the "Office of Chemistry Department, NIT Kurukshetra, Kurukshetra-136119, Haryana" on or before 14.08.2025, 05.00 PM.

V.D.
04.08.25

Vikas D. Ghule

Indentor

05.8.2025

HOD, Chemistry

Copy to: Prof In-Charge CCN with a request to upload on the institute website.

Enclosure: Annexure I: Specification of chemicals and Annexure II: Specification of glassware.

DEPARTMENT OF CHEMISTRY
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
Indent No. SCH/25/12

List of Chemicals Required for Organic Chemistry Lab (CHPC511)

Important Note: All chemicals must be quoted from: Hyma (Avra), TCI, Loba, Finar, Merck, Rankem, Fischer, S. D. Fine Chem, and Sigma Aldrich.

Sr. No.	Chemical Name	CAS	Quantity	Pack
1	Acetanilide 95%	103-84-4	500 g	1
2	Sodium nitrite 98%	7632-00-0	500 g	1
3	Benzophenone 98%	119-61-9	500g	2
4	Aniline hydrochloride 98%	142-04-1	250g	1
5	Urea	57-13-6	500g	4
6	Glycine 99%	56-40-6	500g	2
7	Sodium hydroxide (NaOH) 98%	1310-73-2	1 Kg	1
8	Animal charcoal	7789-75-5	500g	1
9	p-chlorobenzoic acid 99%	74-11-3	500g	2
10	Phthalimide 99%	85-41-6	500g	2
11	Sodium hypobromite	13832-41-2	500g	2
12	O-phenylene diamine 98%	95-54-5	100 g	1
13	Hydrazine sulphate	10034-93-2	500g	1
14	Copper metal strip	7440-50-8	100 g	1
15	Sodium nitroprusside	14402-89-2	100g	1
16	Ammonium chloride	12125-02-9	500g	1
17	Sodium bicarbonate 98%	144-55-8	1Kg	1
18	Ammonium molybdate 98%	13106-76-8	100g	1
19	p-dichlorobenzene 99%	106-46-7	500g	2
20	Acenaphthene 99%	83-32-9	500g	2
21	p- nitroaniline 99%	100-01-6	500g	2
22	Glucose 98%	50-99-7	1 Kg	1
23	Sucrose 98%	57-50-1	1 Kg	1

24	Fructose 98%	57-48-7	500g	2
25	Naphthalene 98%	91-20-3	500g	2
26	Biphenyl 99%	92-52-4	1 Kg	1
27	p-Chloroaniline 98%	106-47-8	500g	2
28	p-Bromoaniline 98%	106-40-1	500g	2
29	p-nitrotoluene 98%	99-99-0	500g	2
30	α -naphthol 99%	90-15-3	500g	2
31	Potassium bromide 98%	7758-02-3	500g	4
32	Aniline 99%	62-53-3	500ml	1
33	Carbon tetrachloride	56-23-5	500ml	2
34	Bromine 1.0M in acetic acid	7726-95-6	100ml	1
35	Nitrobenzene 98%	98-95-3	500ml	1
36	Dimethyl aniline 98%	121-69-7	500 ml	1
37	Ethyl acetoacetate 98%	141-97-9	500ml	2
38	Pentane-2,4-dione 99%	123-54-6	500ml	1
39	Diethyl ether 99%	60-29-7	2.5 lit	6
40	Benzene 99%	71-43-2	1 Lit.	1
41	Acetone 99%	67-64-1	2.5 lit	10
42	Ethanol	64-17-5	500ml	50
43	Ethyl acetate 99%	141-78-6	2.5 lit	4
44	Glacial Acetic acid 99%	64-19-7	2.5 lit	4
45	Sulfanilic acid 99%	121-57-3	500g	1
46	Resorcinol 98%	108-46-3	500g	1
47	Nitric acid (HNO ₃) 65%	7697-37-2	2.5 lit.	1
48	Sulphuric acid (H ₂ SO ₄) 98%	7664-93-9	2.5 lit.	1
49	Benzoyl chloride 98%	98-88-4	500 ml	1
50	Phosphorous pentachloride 97%	10026-13-8	250 g	1
51	Oxalic acid 98%	144-62-7	500g	2
52	Picric acid 98%	88-89-1	500 g	1
53	Adipic acid 98%	124-04-9	500g	2
54	o-toluic acid 98%	118-90-1	500g	2
55	Cinnamic acid 99%	140-10-3	500g	2
56	Aspirin	50-78-2	500g	2

57	p-chlorobenzoic acid 99%	74-11-3	500g	2
58	Phthalic anhydride 98%	85-44-9	500g	1
59	Benzoic acid 98%	65-85-0	500g	5
60	Sulphurous acid	7782-99-2	500g	1

Delivery Period : within 10-30 days

Delivery at : NIT Kurukshetra

Include your company's GSTIN (Goods and Services Tax Identification Number) and specify the GST rate applicable to the goods/products being quoted

DEPARTMENT OF CHEMISTRY

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

Indent No. SCH/25/12

List of Glassware required for Organic Chemistry Lab (CHPC511)

Important Note: 1. Glassware calibration in accordance with ISO/IEC 17025:2017, 2. Raw material for glassware: ASTM E-438 TYPE 1 CLASS-A BORO 3.3 Glass tubing

Sr. No.	Glassware	Quantity
1	Tripod Stand (Material: Cast Iron, Black painted, 125 × 175 mm size, Triangle Top)	12
2	Test Tube Stand	24
3	Fusion Tube (2 inch)	8 pack
4	Tong 250mm	3 pack
5	Spatula 150mm (Stainless Steel, One end Spoon and one end Flat)	10
6	Watch glass 50mm	10
7	Test tube (70 ml) (Round Bottom, with Rim, O.D. × Length = 25 × 200, Thickness 1.2 mm)	100
8	Wire gauze (fit for the above-mentioned Tripod Stand)	12
9	Soxhlet Extractor Apparatus (Complete with Condenser & Flasks, Condenser: Allihin, Connector: Screw Thread, Extractor capacity 100 ml, Extractor Socket Size: 40/38, Extractor, Cone Size: 24/29, Flask Cap. 250 ml)	5
10	Magnetic bead stirrer 1cm	10
11	Round bottom flask-24 neck 250ml (Boiling Flasks, Single Neck, with Socket, 24/19 socket size, Compliance with IS 1381 Part -2)	10

12	Beaker 250ml (Clear Metric Graduation for convenience, Low Form, with Spout, Diameter 68 mm, Height 95 mm)	15
13	Beaker 500ml (Clear Metric Graduation for convenience, Low Form, with Spout, Diameter 83 mm, Height 118 mm)	16
14	Measuring cylinder (Glass) 25 ml (Hexagonal Base, Class 'B')	6
15	Measuring cylinder 10 ml (Hexagonal Base, Class 'B')	6
16	Brushes for test tube	10
17	Pipette 10ml (Tolerance 0.020 ml, Volumetric Pipettes, One Mark, ISI Marked, Class 'A')	10
18	Pipette 5ml (Tolerance 0.015 ml, Volumetric Pipettes, One Mark, ISI Marked, Class 'A')	5
19	Capillary tube	8 pack
20	China dish (35ml)	12
21	Test tube holder	15
22	Filtration flask	2
23	Round bottom flask-24neck 500 ml (Boiling Flasks, Single Neck, with Socket, 24/19 socket size, Compliance with IS 1381 Part -2)	10
24	Condenser -24 mm	15
25	Silicon oil	5 lit.
26	Oil bath	10
27	Cork-24mm	2 pack
28	Condenser pipe	20 meter

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