

DR. S. S. BHATNAGAR UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING AND TECHNOLOGY, PANJAB UNIVERSITY, CHANDIGARH

No. SSBUI CET/TEQIP-III/82

Dated: 05/11/2018

Subject: Invitation for Quotations for Chemicals/Glassware under TEQIP-III.

Dr. SSBUI CET, Panjab University is inviting quotations for Chemicals/Glassware under TEQIP III Project. The list chemicals is attached along with our approximate requirement for 1 year for daily use purposes and for various events.

Kindly quote the best rates for the specified items with specifications given in Annexure-I in the name of Project Head, TEQIP-III, Dr. S.S.Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh by 03:00 P.M., 30/11/2018.

Note:

- 1) Please send the quote in the given sequence only without making any changes and if you are not able to quote any item please put a dash in that column.
- 2) The price/rate so quoted should be per unit or for a pack as the case may be. In case of a single pack the quantity in it should be mentioned.
- 3) For the chemicals/glassware, etc. listed in the Notice Inviting quotation (NIQ), of /for those make/brand/catalogue No. or else is particularly mentioned, only for those the rate/price should be quoted in the quotation.
- 4) For chemicals/glassware, etc. for which there is no mention of a particular make/brand/catalogue number or else, the price/rate be mentioned only for the pack/quantity or else as per mentioned in the Notice Inviting Quotation (NIQ).

P.S.

- 1) Quotation should be addressed to/in favor of PROJECT HEAD TEQIP-III Dr. S.S BHATNAGAR UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING AND TECHNOLOGY, PANJAB UNIVERSITY CHANDIGARH-160014, and sent under a sealed cover (envelope) subscribing 'QUOTATION FOR CHEMICALS/GLASSWARE, etc'. UNDER TEQIP-III, along with office reference number (if any).
- 2) The validity of the quotation should be for a period of 01 year from the due (last) date of submission of the quotation.
- 3) The item/article, if ordered, for should be delivered (supplied) FOR this institute i.e. Dr. S. S. Bhatnagar University Institute of Chemical Engineering & Technology Panjab University Chandigarh-160014.
- 4) The Govt. levies viz-Sales Tax/GST Excise duty, etc. if any, so chargeable should be clearly mentioned in the quotations.
- 5) GST @ 5% would be chargeable extra & for the purpose a Certificate will be issued for the items/articles are supplied in accordance with the bill.
- 6) The make/model/type/detail specifications/configuration, salient features etc. if any, should be mentioned. Also the relevant catalogue, if any, be sent along with the quotation.
- 7) The bill would be processed by the institute within 02 week after satisfactory receipt and inspection of material.
- 8) The discount if any for academic institute should also be mentioned.
- 9) The vendors with valid GST should sent the quotation only.
- 10) The quotation should reach in the office of this institute by 30.11.2018

Thanking You,
Yours Sincerely,

Prof. Anupama Sharma
Coordinator- TEQIP III

Prof. Amrit Pal Toor
Project Head-TEQIP-III

ANNEXURE-I

Rate for Unit Rs In Figures

**Dr.S S Bhatnagar University Institute of Chemical Engineering & Technology,
Panjab University, Chandigarh.**

Subject :-Request of quotations for chemicals/glassware under TEQIP-III

S.No.	Name of Item	Make	Catalogue no./ CAS no.	In packing of
1.	Petroleum ether (60-80°C) (AR grade)	Molychem	32100	2.5L
2.	Acetone (AR) grade	Molychem	21040	2.5L
3.	Ethanol	SRL	21590	1 L
4.	Methanol (AR) grade	Molychem	24260	2.5L
5.	Gallic acid	Molychem	14590	500g
6.	MRS broth media	SRL	49190	500g
7.	Folin-Ciocateu reagent	Molychem	31740	500mL
8.	Dintrosalicylic acid reagent	Molychem	23060	100g
9.	Lactic acid (AR)	Molychem	23690	500mL
10.	Acetic acid glacial (AR)	Molychem	21020	500mL
11.	Sodium acetate	Molychem	18060	500g
12.	Plate count agar	SRL	10453	500g
13.	BHA	Molychem	13080	500g
14.	BHT	Molychem	13100	500g
15.	Lactose broth	Molychem	97354	500g
16.	Nutrient broth	SRL	55427	500g
17.	Agar powder	Molychem	11360	500g
18.	n-Hexane (AR)	Molychem	23480	2.5L
19.	Acetonitrile (HPLC) grade	Molychem	41000	2.5L
20.	Ethyl acetate (HPLC) grade	Molychem	42300	2.5L
21.	EDTA solution	Molychem	14332	500mL
22.	Methanol (HPLC) grade	Molychem	41040	2.5L
23.	Petroleum ether (40-60°C) (AR grade)	Molychem	32080	2.5L
24.	ABTS	HIMEDIA	RM9270-1G	1g
25.	DPPH	HIMEDIA	RM5169-1G	1g
26.	A-amylase	Sigma	110u	500g
27.	Amyloglucosidase	Himedia	RM51286	100g
28.	Erlenmeyer Conical flasks (250mL)	Thermofisher scientific	FBG6216B	1
29.	Beaker (100mL)	Thermofisher scientific	FBG63008	1
30.	Beaker (500mL)	Thermofisher scientific	FBG6100C	1
31.	Volumetric flasks (100mL)	Perfit	310/08	1
32.	Micropipette tips (200-1000µL)	Perfit	293/02	Pack of 1000
33.	Measuring cylinder(100mL)	Perfit	295/05	3
34.	Measuring cylinder(500mL)	Perfit	295/07	1
35.	Centrifuge tube (50ml)	polylab	63502	1pack
36.	Washing bottle(500ml)	polylab	36606	1
37.	Test tubes (25mL)	Perfit	345/06	Pack of 100
38.	Centrifuge tubes (Plastic)	Perfit	341/03	1
39.	Culture tubes flat bottom with screw cap (40mL)	Perfit	327/04	1
40.	Plastic petriplates (sterilizabale)	Tarsons	460090/90MM	1
41.	Microfilters (0.22µm)	Millipore		Pack of 1000
42.	Microfilters (0.45µm)	Pall lifescience		Pack of 1000
43.	Petriplates (glass)	Borosil	460091	100
44.	Tissue roll			1
45.	DMF	SD Fine	68-12-2	500ml
46.	DMSO	SD Fine	67-68-5	500ml
47.	Ethanol	Merck	64-17-5	500ml
48.	Methanol	Merck	67-56-1	1L
49.	THF	SD fine	109-99-9	500ml
50.	Chloroauric acid	Merck	27988-77-8	500mg
51.	Acetic acid	SD fine	64-19-7	500ml
52.	Toluene	SD fine	108-88-3	500ml
53.	Chloroform	TCI	67-66-3	500ml
54.	Sulphuric acid	SD fine	7664-93-9	500ml
55.	Nitric acid	SD fine	7697-37-2	500ml
56.	Ethylene diamine	SD fine	107-15-3	500ml
57.	Hexane	SD fine	110-54-3	500ml

S.No.	Name of Item	Make	Catalogue no./ CAS no.	In packing of
58.	NMP	SD fine	872-50-4	500ml
59.	EDTA	SD fine	6381-92-6	500g
60.	Citric acid	SD fine	77-92-9	500g
61.	L-Ascorbic acid	SD Fine	50-81-7	500g
62.	Glucose	SD fine	50-99-7	500g
63.	Europium NitratePentahydrate	Merck	10031-53-5	1g
64.	Ironnitratennonahydrate	Merck	7782-61-8	500g
65.	Terbium Nitratehexahydrate	Merck	13451-19-9	2g
66.	Cerium nitratehexahydrate	Merck	10294-41-4	25g
67.	Picric acid	SD fine	88-89-1	500g
68.	L-Lysine	Merck	62840-100G-F	100g
69.	Glycine	SD fine	56-40-6	500g
70.	Phenol	SD fine	108-95-2	500g
71.	4-Nitrophenol	SD fine	100-02-7	500g
72.	Zincnitratehexahydrate	SD fine	10196-18-6	500g
73.	Polyvinylpyrrolidone	Merck	PVP40-500G	500g
74.	Terephthalic acid	Merck	185361-500G	500g
75.	Acetone	SRL	67-64-1	1L
76.	Cyclohexane	Merck	227048-1L	500ml
77.	Acetonitrile	Merck	271004-1L	1L
78.	L-Cysteine	Merck	168149-100G	100g
79.	L-tartaric acid	SD fine	87-69-4	500g
80.	Thiourea	Merck	T8656-500G	500g
81.	Urea	Merck	U5378-500G	500g
82.	Sodium Acetate	SRL	127-09-3	500g
83.	Oxalic Acid	SRL	6153-56-6	500g
84.	Calcium chloride	SRL	10035-04-8	500g
85.	D-Fructose	Merck	F0127-500G	500g
86.	L-Glutathione	SD fine	70-18-8	5g
87.	Potassium chloride	SRL	7447-40-7	500g
88.	Sodium chloride	SRL	7647-14-5	1Kg
89.	Malic acid	SRL	6915-15-7	500g
90.	Silver Nitrate	Merck	7761-88-8	25g
91.	Glycerol	SD fine	56-81-5	500ml
92.	PEG-200	SD fine	25322-68-3	500ml
93.	Ethylene glycol	SD fine	107-21-1	500ml
94.	Quinine sulfate	Merck	20761-44-1	10g
95.	Isopropyl alcohol	SD fine	67-63-0	500ml
96.	m-amino benzoic acid	SD fine	99-05-8	500g
97.	Cysteamine	Merck	60-23-1	10g
98.	Mercuric chloride	Merck	7487-94-7	25g
99.	Triethyl amine	SD fine	121-44-8	500ml
100.	Hydrochloric acid	Merck	7647-01-0	500ml
101.	1,6-diaminohexanedihydrochloride	TCI	6055-52-3	25g
102.	Monopotassium phosphate	SD fine	7778-77-0	500g
103.	Sodium fluoride	SD fine	7681-49-4	500g
104.	Triammonium citrate	SD fine	3458-72-8	500g
105.	PEG 1500	SD fine	25322-68-3	500g
106.	Dimethyl benzene	SD fine	1330-20-7	500ml
107.	Diethyl amine	SD fine	109-89-7	500ml
108.	1,4-Butanediamine	TCI	110-60-1	25g
109.	Hydrogen Peroxide	SD fine	7722-84-1	500ml
110.	Adipic acid	SD fine	124-04-9	500g
111.	Tris(hydroxymethyl)aminomethane	SD fine	77-86-1	500g
112.	Folic acid	SD fine	59-30-3	25g
113.	disodium phosphate dibasic anhydrous	SD fine	40158- K05	500g
114.	Orthophosphate dihydrate	SD fine	40132UR -K05	500g
115.	Dichloromethane	SD fine	38096-L05	500ml
116.	Sulfamethoxazole	Sigma Aldrich	S7507-10G	10 g
117.	Monensin sodium salt	Sigma Aldrich	M5273-1G	1g
118.	Potassium hydrogen phthalate, BioXtra, ≥99.95%	Sigma Aldrich	P1088-500G	500g
119.	Di methyl sulfoxide	Merck	1.07046.2521	2.5L
120.	Benzene – 1,3,5 Tri Carboxylic Acid	Sigma Aldrich	482749-100G	100g
121.	2 Amino terephthalic acid	Sigma Aldrich	381071-25G	25g

S.No.	Name of Item	Make	Catalogue no./ CAS no.	In packing of
122.	Sodium bromide	HiMedia	GRM7496-500G	500g
123.	Measuring cylinder	Perfit	298/04	1
124.	Flask volumetric (measuring)5ml 10 ml 20 ml 25 ml 50 ml 100 ml 500 ml 1000 ml	Perfit	310/03 310/04 310/05 310/06 310/07 310/08 310/11 310/12	1 1 1 1 1 1 1 1
125.	burettes (100ml)	Perfit	255/07	1
126.	Flask conical 100ml 250ml	Perfit	84/08 84/12	1
127.	Test Tubes with rim (50ml)	Perfit	346/07	1
128.	Micro funnel(25mm dia)	Perfit	461	1
129.	Beaker250 ml 500 ml 1000 ml	Perfit	635/03 635/04 635/05	1 1 1
130.	Retort stand	Perfit	1071/02	1
131.	Retort clamp	Perfit	1050 1060	1 1
132.	Tissue paper roll	-		1
133.	Nitrile gloves	Tarsons	370030	Pack of 100
134.	Mortar and pester	Perfit	642/02	1 (100 mm O.D.)
135.	Silica Crucible with lid (25ml)	Perfit	732/02	1
136.	Dropper 15 cm with treat borosil glass	Perfit	463	1
137.	Tong	Perfit	1080	1
138.	Spatula	Perfit	1077/2 1077/05	1 1
139.	Potassium Hydroxide	Merck	1.93503.0521	500g
140.	Sodium molybdate	Merck	1.93639.0251	1g
141.	Beaker50 ml 100 ml 500 ml 1000 ml	Perfit	635/01 635/02 635/04 635/05	1 1 1 1
142.	Measuring Cylinder (50ml)	Perfit	295/04	1
143.	Conical Filter	Perfit	365/12	1
144.	Conical Flask25 ml 50 ml 100 ml 250 ml	Perfit	453/04 453/05 453/06 453/08	1 1 1 1
145.	Magnetic Bead(20 x 8)	Perfit	642/02	1
146.	Bismuth (III) nitrate penta-hydrate	Sigma Aldrich	248592-500G	500g
147.	Potassium iodide	Merck	1.93503.0521	1g
148.	Sodium hypochlorite	Merck	7681-52-9	500ml
149.	Ammonium molybdate	Merck	13106-76-8	5g
150.	Orthophenylene diamine	Merck	95-54-5	50g
151.	2,6 pyridine dicarboxylic acid	TCI	499-83-2	25g
152.	2-methylimidazole	TCI	693-98-1	100g
153.	L-Lysine	Merck	56-87-1	1g
154.	Polyvinyl alcohol	Mpbio	9002-89-5	250g
155.	Zinc nitrate hexahydrate	Merck	10196-18-6	500g
156.	Rhodamine B	TCI	81-88-9	25g
157.	Diammonium phosphate	Lobachemie	7783-28-0	500g
158.	Hydrogen fluoride	Merck	7664-39-3	100ml
159.	p-Phenylene diamine	Merck	106-50-3	100g
160.	Diaminoguanidine hydrochloride	Merck	36062-19-18	25g
161.	Aminoguanidine hydrochloride	Merck	1937-19-5	25g
162.	HEPES Buffer	Merck	7365-45-9	25g
163.	Zinc acetate	Merck	557-34-6	25g
164.	2-aminoterephthalic acid	Merck	10312-55-7	25g
165.	Zirconium chloride	Merck	10026-11-6	5g
166.	2,4 - Dinitrophenol	Merck	51-28-5	1kg
167.	Copper (II) nitrate trihydrate	Merck	1.93629.0521	500g
168.	Benzoic acid	Merck	1.93020.0521	500g
169.	2-Methylimidazole	Merck	8.18964.0250	250g
170.	Nickel(II) nitrate hexahydrate	Merck	1.93693.0521	500g

S.No.	Name of Item	Make	Catalogue no./ CAS no.	In packing of
171.	Potassium hydroxide pellets	Merck	1.93503.0521	500g
172.	Sodium tungstate dihydrate	Merck	1.06673.0250	250g
173.	Cobalt (II) acetate tetrahydrate	Merck	1.93707.0521	500g
174.	Indium(III) Chloride, 98%	Sigma Aldrich	334065-10G	10g
175.	Orthophosphoric acid	TCI	7664-38-2	300ml
176.	Dimethyl sebacate 99%	Sigma Aldrich	223115-500G	500g
177.	Cresol red	Sigma Aldrich	114472-25G	25g
178.	Acetaminophen	Sigma Aldrich	A7085-100G	100g
179.	Diclofenac sodium salt	Sigma Aldrich	D6899-10G	10g
180.	Activated charcoal	Sigma Aldrich	242276-250G	250g
181.	Amoxicillin	Sigma Aldrich	A8523-5G	5g
182.	Ciprofloxacin	Sigma Aldrich	17850-25G-F	25g
183.	Di methyl sulfoxide	Merck	1.07046.2521	2.5 litre
184.	Benzene – 1,3,5 Tri Carboxylic Acid(H3BTC)	Sigma Aldrich	482749-100G	100 g
185.	Potassium permanganate	Sigma Aldrich	223468-1KG	1 kg
186.	Sodium Tungstate	Sigma Aldrich	10213-10-2	100 g
187.	Tantalum(V) Oxide	Sigma Aldrich	10213-10-2	100g
188.	Vanadium Pentoxide	Sigma Aldrich	1314-62-1	5g
189.	ITO Glasses	Sigma Aldrich	50926-11-9	Pack of 10
190.	FTO Glasses	Sigma Aldrich	735140-5EA	Set of 5
191.	Lactic Acid	Sigma Aldrich	50-21-5	1 kg
192.	Cysteamine Hydrochloride	Sigma Aldrich	156-57-0	25g
193.	Glutathione	Sigma Aldrich	70-18-8	500 mg
194.	Potassium Iodide	Sigma Aldrich	7681-11-0	100gm
195.	Potassium Hydroxide Pellets	Sigma Aldrich	1310-58-3	500g
196.	Sodium Hydroxide Pellets	Sigma Aldrich	1310-73-2	500 g
197.	Buffer, reference standard pH 4.00±0.01 (25 °C)	Sigma Aldrich	B5020-500ML	500 mL
198.	pH 7 BUFFER SOLUTIONS	Sigma Aldrich	B4770-500ML	500 mL
199.	pH 10 BUFFER SOLUTIONS	Sigma Aldrich	B4895-500ML	500 mL
200.	Ethylenediamine	Sigma Aldrich	107-15-3	1 L
201.	Na ₂ SeO ₃	Sigma Aldrich	10102-18-8	25 mg
202.	Na ₂ SeO ₄	Sigma Aldrich	13410-01-0	25 mg
203.	Hydrogen Peroxide	Sigma Aldrich	7722-84-1	500 mL
204.	Sodium bicarbonate	Sigma Aldrich	144-55-8	1 kg
205.	L-Glutamine	TCI	G0063-100G	100 g
206.	Glycine	TCI	56-40-6	500 g
207.	D-(+)-Glucose	TCI	50-99-7	500 g
208.	Acid Orange 7	TCI	633-96-5	25 g
209.	Acid Green 3	TCI	4680-78-8	25 g
210.	Basic Violet 1	TCI	8004-87-3	25g
211.	Bismuth(III) Chloride Anhydrous	TCI	7787-60-2	25 g
212.	Acetylsalicylic acid ≥99.0%	Sigma Aldrich	50-78-2	1 kg
213.	Ampicillin	Sigma Aldrich	A1593-25G	25 mg
214.	Potassium dioxide	Sigma Aldrich	278904-250G	250 g
215.	SODIUM HYPOCHLORITE SOLN (approx. 4% available chlorine)	Sd-Fine	33040- L50 -P CAS No. 7681-52-9	5 L
216.	SODIUM NITRATE UR"UNIVERSAL REAGENT" PASSES PURE & AR	Sd- fine	40187UR- K05- T CAS No. 7631-99-4	500 g
217.	SODIUM NITRITE UR"UNIVERSAL REAGENT" PASSES PURE & AR	Sd-fine	40188UR- K05 -T 7632-00-0	500 g
218.	SnakeSkin™ Dialysis Clips	Thermo-fischer	68011	Pack of 6 clips
219.	ChromafilXtra PTFE	MN	729205	Pack of 100
220.	Dura Seal Stretch Film	Tarsons	570020	4" x 250'
221.	Spilfyter Lab Soakers	Tarsons	590040	20" x 200' Roll
222.	UV Safety Goggles	Tarsons	800040	1
223.	Flask with Heater Cap. 3 Litre.	Perfit	202A/15	1
224.	Condenser for 3 Litre Distillation with B 40 Cone.	Perfit	202A/18	1
225.	Receiver Adapter for Distillation.	Perfit	202A/22	1
226.	Connecting Adapter for Distillation.	Perfit	202A/23	1
227.	Constant Level Cup for Distillation.	Perfit	202A/21	1
228.	Spectra Por 131096 Biotech-Grade CE Dialysis	Cole-Parmer	Mfr # 131096 –	1 Box

S.No.	Name of Item	Make	Catalogue no./ CAS no.	In packing of
	Tubing, 500-1000 MWCO, 31mm/20mm; 33ft	Scientific experts	Item # WW-02890-09	
229.	Sodium silicate	Honeywell chemicals	13729-1L	1L
230.	Chloroplatinic acid hydrate	Sigma Aldrich	520896-5G	5g
231.	Pluronic P123	Sigma Aldrich	435465-250ML	250ml
232.	Dimethylaminoborane	Sigma aldrich	180238-25G	25g
233.	1,1,3,3-tetramethylidisiloxane	Sigma aldrich	235733-100G	100g
234.	Storage vial	glassco	147.303.02	500 pcs
235.	Oak ridge centrifuge tube	glassco	137.303.01	12 pcs
236.	Round bottom flask	glassco	057.202.08	10 pcs
237.	Round bottom flask	glassco	057.202.11	10 pcs
238.	Desiccator with lid	glassco	250.202.03	1 pc
239.	Forceps	glassco	533.303.05	10 pcs
240.	Parafilm M dispenser,Acrylic	glassco	250.303.01	1 pc
241.	1000uL Universal Graduated Tips	Glassco	500.1000.B	1000 pcs
242.	20uL Universal Graduated Tips	Glassco	500.20.F.B	1000 pcs
243.	Tellurium powder	Sigma Aldrich	13494 -80 -9	100 gm
244.	Chitosan	Sigma Aldrich	9012-76 -4	50 gm
245.	Cadmium acetate dihydrate	Sigma Aldrich	5743 -04-4	100 gm
246.	3-mercapto propanoic acid	Sigma Aldrich	107-96-0	100 gm
247.	N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimide (EDC)	Sigma Aldrich	25952-53-8	1 gm
248.	N-hydroxysuccinimide	Sigma Aldrich	6066-82-6	100 gm
249.	Sodium carbonate	Sigma Aldrich	497-19-8	1 kg
250.	Metylsulphonic acid (MSA)	Sigma Aldrich	75-75-2	100 ml
251.	Sodium tetraborate	Sigma Aldrich	1330-43-4	500 gm
252.	Humic Acid	Sigma Aldrich	1415-93-6	10 gm
253.	Silver Nitrate	SIGMA	209139	25 gm
254.	Hexadecyltrimethoxysilane	SIGMA	52360	100 ml
255.	3-Aminopropyl Triethoxysilane	SIGMA	44010	100 ml
256.	Sodium Arsenite	SIGMA	S7400	100 gm
257.	Ammonium Cerium(IV) Nitrate	SIGMA	229547	10 gm
258.	N,N-Dimethyl Aminoethyl Methacrylate	SIGMA	234907	100 ml
259.	[6,6]-Phenyl C61 butyric acid methyl ester(PCBM)	Sigma Aldrich	684449	100 mg
260.	Gold(III) chloride 99.99+%	Sigma Aldrich	254169	500 mg
261.	PEDOT:PSS	Sigma Aldrich	655201	5g
262.	ITO substrate	Sigma Aldrich	703192	1x10 pack
263.	N,N-Dimethylformamide	Sigma Aldrich	227056	100 ML
264.	Methylene blue	Sigma Aldrich	M9140	25 gm
265.	Manganese Acetate Tetra hydrate	Sigma Aldrich	229776	50gm
266.	Aluminium Nitrate	Sigma Aldrich	229415	10 gm
267.	Lead Acetate trihydrate	Sigma Aldrich	316512-	5G
268.	Sodium Carbonate Dihydrate	Sigma Aldrich	71360	250gm
269.	Tin Chloride Pentahydrate	Sigma Aldrich	244678	5gm
270.	Cobalt Nitrate Hexahydrate	Sigma Aldrich	2013106	10gm
271.	Sodium Nitrate	SRL	SRL/44618	500g
272.	Hydrogen Peroxide(30%)	Merk	1.93007.0521	1 L
273.	Phosphoric Acid	Merk	1.93003.0521	1 L
274.	Hydrochloric Acid (30%)	Loba	0170F	1 L
275.	Sulfuric Acid	Merk	1007311000	1L
276.	Hydrazine Hydrate	SRL	53931	500ml
277.	Albumin egg powder extrapure, 78%	SRL	45017	100g

S.No.	Name of Item	Make	Catalogue no./ CAS no.	In packing of
278.	Phosphate buffer pH 7.2	SRL	21418	100g*2
279.	L-Tryptophan extrapure	SRL	73-22-3	5g
280.	Nitric Acid	Loba	00224	
281.	Ethanol			5Ltr
282.	Petroleum ether			5Ltr
283.	GaAs (Powder form)	Sigma Aldrich	215114-8	Min pack
284.	Tissue roll		-	01
285.	Eppendorf 2 ml tubes	Tarson	-	1pack
286.	Soxhlet Extraction with Condenser	borosil	-	1
287.	Glass Vials 50ml	BOROSIL	-	1
288.	Glass Vials 05ml	BOROSIL	-	1
289.	Reagent Bottles 100ml	BOROSIL	1501016	01
290.	Reagent Bottles 125ml 150ml	BOROSIL	-	1 1
291.	Reagent bottle 500ml 1000ml	Borosil	1500024 1500029	2 2
292.	100 µL Universal Graduated Tips	BOROSIL	BGT-100FB	1 Pack
293.	Glass slides	-	-	01 pack
294.	Magnetic beads (7*25mm)	-	-	01
295.	Paper Rolls	-	-	01
296.	Silver Foils Rolls	-	-	01
297.	Gloves (Large Size)	-	-	01
298.	Beaker (250ml)	borosil	-	1
299.	Beaker (500ml)	borosil	-	1
300.	Beaker (100ml)	borosil	1000D29	1
301.	Conical flask (250ml)	borosil	-	1
302.	Conical flask (500ml)	borosil	-	1
303.	Measuring cylinder 50ml 25ml 10ml	borosil	-	1 1 2
304.	Burette 50ml	borosil	-	1
305.	Microslides	-	-	01 pack
306.	Lactic acid	SRL	50-21-5	2.5 ltr
307.	Ethanol	chinese	-	500ml
308.	Methanol	SRL	67-56-1	2.5ltr
309.	Silicon dioxide powder	SRL	7631-86-9	500g
310.	Tungsten sulphide	SRL	12138-09-9	100g
311.	BSTMA in TCMS (99:1) N,O-Bis(trimethylsilyl)trifluoroacetamide, Trimethylchlorosilane	Sigma Aldrich	25561-30-2	25ml
312.	Heptane	SRL	142-82-5	500ml
313.	Ammonia solution	SRL	1336-21-6	500ml
314.	Cetyltriethyl ammonium bromide (CTAB)	Sigma-Aldrich	57-09-0	100g
315.	Tetraethylorthosilicate	SRL	78-10-4	250ml
316.	2,5-dihydroxyterephthalic acid (DHTA)	Sigma-Aldrich	610-92-4	5g
317.	Nickel acetate tetrahydrate	CDH	68-12-2	100g
318.	Titanium isopropoxide	CDH	546-68-9	500mL
319.	1,4 Benzene dicarboxylic acid	CDH	60088-54-2	500g
320.	N,N-dimethylformamide (DMF)	CDH	68-12-2	2.5L
321.	2-aminobenzenedicarboxylic acid	Sigma-Aldrich	10312-55-7	25g
322.	Cobalt nitrate hexahydrate	CDH	10026-22-9	500g
323.	1,2-di-(4-pyridyl)-ethylene	SRL	2002-04-2	5g
324.	5-Nitroisophthalic acid	Sigma-Aldrich	618-88-2	100g

S.No.	Name of Item	Make	Catalogue no./ CAS no.	In packing of
325.	Glycerol anhydrous EMPARTA	Merck	1.07051.9027	25 ltr
326.	Toluene(rectified)	Rankem	108-88-3	2.5L
327.	Benzaldehyde	Fisher scientific	100-52-7	2.5L
328.	Toluene LR	CDH	108-88-3	2.5L
329.	p-Toluenesulfonic acid	SRL	6192-52-5	2.5L
330.	Hexane	SRL	110-54-3	2.5L
331.	1,3 propane sultone	Sigma	1120-71-4	100ml
332.	Acetone	SRL	67-64-1	2.5L
333.	Trifloromethanesulphonic acid	SRL	1493-13-6	1L
334.	3-(Imidazol-1-yl)propyl-functionalized silica gel	Sigma	-	5gm
335.	Al2O3 nanoparticles	Sigma	1344-28-1	10 gm
336.	TiO2 nonparticles	Sigma	13463-67-7	100 gm
337.	ZnO nanoparticles	Sigma	1314-13-2	100gm
338.	SiO2 nanoparticles	Sigma	7631-86-9	50 gm
339.	Cu nanoparticles	Sigma	7440-50-8	5 gm
340.	Fe3O4 nanoparticles	Sigma	1317-61-9	25 gm
341.	CuO nanoparticles	Sigma	1317-38-0	5 gm
342.	L-Methionine	SIGMA-Aldrich	M9625	100 gm
343.	Sodium (Meta)Periodate	Sisco Research Laboratories Pvt. Ltd.	7790-28-5	100 gm
344.	2-Propanol for analysis EMSURE	MERCK Life Science	1.09634.1000	1L
345.	Acetic acid glacial 99 - 100% EMPLURA®	MERCK Life Science	1.93402.2521	2.5 L
346.	N,N-Dimethylformamide EMPLURA®	MERCK Life Science	8.22275.0521	500 mL
347.	Whatman no-1(Grade 1 Circles, 125mm 100/pk)	GE Healthcare life science/Whatman	1001-125	1 pack
348.	Whatman no-42(Grade 42 Circles, 125mm 100/pk)	GE Healthcare life science/Whatman	1442-125	1 pack
349.	Tartaric acid EMPLURAR 500 G	MERCK Life Science	1.93417.0521	500g
350.	1-Butanol EMPLURA	MERCK	1.94502.2521	2.5 L
351.	Ethanol, AR	Changshu Yangyan chemicals China	XK13-011-00009	500 mL
352.	Whatman no-4 (Grade 4 Circles, 125mm 100/pk)	GE Healthcare life science/Whatman	1004-125	1 pack
353.	Sodium hydroxide pellets for analysis	MERCK Life Science	1.06498.0500	500 g
354.	3-Amino-1-propanol for synthesis	MERCK Life Science	8.00423.0250	250 mL
355.	Potassium hydroxide pellets EMPLURA	MERCK Life Science	1.93503.0521	500 g
356.	N-Hexane (AR)	SDFCL	88485	2.5L
357.	Sodium selenite	Lobachemie	05997 00025	25 g
358.	Sodium selenate	Lobachemie	05995 00100	100 g
359.	2-propanol AR	CDH	029694	2.5 L
360.	2-Propanol (Specially dried AR)	CDH	617675	2.5 L
361.	Sodium selenite AR	CDH	646495	25 g
362.	Sodium selenate AR	CDH	646405	100 g
363.	Sodium hydroxide pellets AR	CDH	643525	500 g
364.	Phorate	Sigma –Aldrich	33388/298-02-2	Min. Pack.
365.	Dichlorvos	Sigma –Aldrich	45441/62-73-7	Min. Pack.
366.	Triazophos	Sigma –Aldrich	45696/24017-47-8	Min. Pack.

S.No.	Name of Item	Make	Catalogue no./ CAS no.	In packing of
367.	<i>Cypermethane</i>	<i>Sigma –Aldrich</i>	<i>36128/52315-07-8</i>	<i>Min. Pack.</i>
368.	<i>Palmitic acid</i>	<i>CDH</i>	<i>57-10-13</i>	<i>500gm</i>
369.	<i>Ammonia Solution(25%)</i>	<i>Loba</i>	<i>1336-21-6</i>	<i>2.5Ltr</i>
370.	<i>Tetra ethyl orthosilinate</i>	<i>CDH</i>	<i>78-10-4</i>	<i>500ml</i>
371.	<i>Iron (II) acetate tetrahydrate</i>	<i>American element</i>	<i>19807-28-4</i>	<i>500gm</i>
372.	<i>Polyvinylpyrrolidone (PVP K-30) pure</i>	<i>SRL</i>	<i>28973</i>	<i>500 gm</i>
373.	<i>Ferrous SulphateHeptahydrate</i>	<i>SRL</i>	<i>97868</i>	<i>500 gm</i>
374.	<i>Tert butyl alcohol extrapure, 99%</i>	<i>SRL</i>	<i>70816</i>	<i>500 ml</i>
375.	<i>Methanol for HPLC</i>	<i>SRL</i>	<i>79345</i>	<i>2.5 lts</i>
376.	<i>Sodium Borohydride (powder) extrapure</i>	<i>SRL</i>	<i>93982</i>	<i>100 gm</i>
377.	<i>Liquid paraffin heavy</i>	<i>Fisher ScientificQualigens</i>	<i>8012-95-1</i>	<i>2.5 Ltr</i>