

UNIVERSITY OF KERALA
DEPARTMENT OF CHEMISTRY
Kariavattom 695581

16.07.2021

QUOTATION NOTICE

DC/ ST/Che./15/2021-22

Competitive quotations are invited for the purchase of the following chemicals of desirable make as detailed below. Sealed quotations addressed to The Head, Department of Chemistry, University of Kerala, Kariavattom campus, Thiruvananthapuram 695581 should reach on or before 02.08.2021, 5PM. Preferred make for each chemical is included in the table against each chemical.

Chemicals and Solvents Required

S. No.	Chemical	Pack Size & Quantity	CAS No.	Make/Company
1.	Lawesson's reagent	25g x 4	19172-47-5	Spectrochem/ Sigma/Merck/TCI /Empura
2.	Dimethyl acetylene carboxylate	25 g x 4	762-42-5	"
3.	Diethyl acetylenedicarboxylate	25 g x 2	762-21-0	"
4.	Acetylenedicarboxylic acid	25 g	142-45-0	"
5.	1,2,3,4 tetrahydroisoquinoline	25 g	91-21-4	"
6.	Sarcosine	25 g	107-97-1	"
7.	Oxindole	100g	59-48-3	"
8.	5-Chloro-2-oxindole	25g	17630-75-0	"

9.	6-Chlorooxindole	25g	56341-37-8	“
10.	5-Bromooxindole	25g	20870-78-4	“
11.	5-Fluorooxindole	25g	56341-41-4	“
12.	5-Aminooxindole	25g	20876-36-2	“
13.	Oxalyl chloride	100 mL	79-37-8	“
14.	Iodopropane	100 mL	107-08-4	“
15.	Allyl bromide	100 mL	106-95-6	“
16.	2-iodo ethane	100 mL	75-03-6	“
17.	1-iodobutane	100 mL	542-69-8	“
18.	2-iodobutane	100 mL	513-48-4	“
19.	Benzyl bromide	100 mL	100-39-0	“
20.	3,4-Diaminotoluene	100g	496-72-0	“
21.	3,4-Diaminobenzoic acid	25g	619-05-6	“
22.	3,4-Diaminobenzophenone	25g	39070-63-8	“
23.	Methyl 3,4-diaminobenzoate	5g	36692-49-6	“
24.	4-Fluoro-1,2-phenylenediamine	5g	367-31-7	“
25.	3,4-Diaminobenzonitrile	5g	17626-40-3	“
26.	4,5-Dimethyl-1,2-phenylenediamine	5g	3171-45-7	“
27.	4-Chloro-1,2-phenylenediamine	5/25g	95-83-0	“
28.	4-Nitro-1,2-phenylenediamine	25g	99-56-9	“
29.	2,3-Diaminonaphthalene	25 g	771-97-1	“
30.	Methyl bromoacetate	25g/100g	96-32-2	“
31.	Benzyl bromoacetate	50g	5437-45-6	“

32.	t-BuOK (tertiary butoxide)	25g	865-47-4	“
33.	Acetyl Choline Iodide	25g	2260-50-6	“
34.	CS ₂ CO ₃ (Cesium Carbonate)	25g	534-17-8	“
35.	CuCO ₃ (Copper(II)Carbonate basic)	25g	12069-69-1	“
36.	NBu ₃ (Tributylamine)	50mL	102-82-9	“
37.	N, N-Diisopropylethylamine	100mL	7087-68-5	“
38.	2,3-Dichloro-5,6-dicyano-p-benzoquinone (DDQ)	10g	84-58-2	“
39.	Sodium borohydride (NaBH ₄)	100g	16940-66-2	“
40.	Lithium bis(trimethylsilyl)amide solution	100mL	4039-32-1	“
41.	Tetraethylammonium bromide	100g	71-91-0	“
42.	N-(hydroxyphthalimide)	100g	524-38-9	“
43.	Potassium acetate	100g	127-08-2	“
44.	tert-Butyl hydroperoxide solution (TBHP)	100mL	75-91-2	“
45.	Isatin	100g	91-56-5	“
46.	5-Chloroisatin	25g	17630-76-1	“
47.	5-Fluoroisatin	5g	443-69-6	“
48.	5-Bromoisatin	25g	87-48-9	“
49.	5-Iodoisatin	25g	20780-76-1	“
50.	5-Methylisatin	5g	608-05-9	“
51.	5-Chloroisatoic anhydride	25g	4743-17-3	“
52.	5-Bromoisatoic anhydride	5g	4692-98-2	“
53.	5-Aminoisatoic anhydride	1g	169037-24-5	“
54.	5-Nitroisatoic anhydride	1g	4693-02-1	“

55.	2,2,2-Trifluoroethylamine Hydrochloride	25g	373-88-6	“
56.	<i>p</i> -toluenesulfonicacid monohydrate	100g	6192-52-5	“
57.	(S)-(-)- α,α -Diphenyl-2-pyrrolidinemethanol trimethylsilyl ether	5g	848821-58-9	“
58.	Sodium bicarbonate	500g/1kg	144-55-8	“
59.	Sodium acetate	500g		“
60.	Norharmane	1g	244-63-3	“
61.	Pyridinium chlorochromate	100g	26299-14-9	“
62.	Coumarin (for synthesis product no.8.22316)	250g	91-64-5	“
63.	tert-Butyl peroxybenzoate	5g	614-45-9	“
64.	Potassium fluoride (ACS reagent product number 402931)	100g	7789-23-3	“
65.	L-Tryptophan (reagent grade product no.T0254)	25g	73-22-3	“
66.	Tryptamine	50g	61-54-1	“
67.	Benzoic acid (Reagent grade)	100g	65-85-0	“
68.	Diethyl 2-aminomalonate	1g		“
69.	Palladium on carbonfor hydrogenation	10g		“
70.	2-[1H-benzotriazole-1-yl]-1,1,3,3-tetramethyluronium hexafluorophosphate (HBTU)	25g	94790-37-1	“
71.	N-methylmorpholine	100mL	109-02-4	”
72.	2-aminonicotinic acid	25 g	5345-47-1	“
73.	4-aminonicotinic acid	5 g	7418-65-7	“
74.	Hexane	25 L	6	“
75.	Methanol HPLC	2.5 L	4	“
76.	Acetonitrile HPLC	2.5 L	4	“

77.	Toluene anhydrous	2.5 L	4	“
78.	THF anhydrous	2.5 L	4	“
79.	DMF anhydrous	2.5 L	2	“
80.	DMSO anhydrous	2.5 L	2	“
81.	Ethyl acetate	25 L	6	“
82.	Methylene Chloride	25 L	6	“
83.	Methylene Chloride anhydrous	2.5 L	2	“
84.	Chloroform	2.5 L	4	“
85.	Ethanol	500 mL	2	“
86.	Acetone	25 L	6	“
87.	Diethyl ether	2.5 L	2	“
88.	Silica gel 100-200 mesh	500 g	8	“
89.	Molecular sieves 4 A ⁰	500 g	1	“
90.	Sodium sulphate	2Kg	6	”
91	n-methyl formanilide	25 mL x 2	93-61-8	“
92	terephthaloyl chloride (99%)	100 G	100-20-9	TCI
93	n,n'-diphenyl-1,4-phenylene diamine (>95%)	25 G	74-31-7	TCI
94	triethyl amine anhydrous (99%)	250 mL	121-44-8	
95	mesitylene (>98%)	250 mL	108-67-8	
96	orthodichlorobenzene	250 mL	95-50-1	
97	4-methyl benzophenone	50 G x 4	134-84-9	TCI
98	Glyoxal	5 G x 2	107-22-2	
99	2,4,6-trimethyl-1,3,5-triazine (98%)	5 G x 2	823-94-9	
100	1,2,4,5-tetrazine-3,6-diamine	25 G	19617-90-4	

101	Iodobenzene (>98%)	100 G	591-50-4	Spectrochem
102	2- oxindole (97%)	25 G x 2	59-48-3	”
103	1,4-diiodobenzene (99%)	50 G	624-38-4	”
104	4,4'-diiodobiphenyl (90%)	25 G	3001-15-8	”
105	copper(i)chloride (>97%)	25 G	7758-89-6	”
106	1,10-phenanthroline (99%)	5 G x 2	66-71-7	”
107	carbazole (95%)	25 G x 2	86-74-8	”
108	Potassium hydroxide pellets	500 G	1310-58-3	
109	Potassium t-butoxide (98%)	250 G	865-47-4	
110	Fluorobenzene (99%)	250 mL	462-06-6	
111	Acetone	25 L x 5		
112	Dichloromethane	25 L x 6		
113	Hexane	25 Lx 8		
114	Methanol	25 L x 3		
116	Anhydrous THF	25 L x 6		
120	Silica Gel for column chromatography (100-200 mesh)	500 G x 6		
121	Silica Gel for column chromatography (60-120 mesh)	500 G x 6		
122	Doxorubicin hydrochloride	2x 100 mg	25316-40-9	TCI
123	Lignin(alkaline)	25 g	8061-51-6	TCI
124	Tetrahydrofuran	25 mL	109-99-9	TCI
125	1-ethyl-3-(3-dimethylaminopropyl)carbodiimide	25g	1892-57-5	TCI
126	Phosphate buffer capsule (pH 4,7.4,9)	2 Each		TCI
127	Ethanol	1 L		TCI

128	Dimethyl sulphoxide	2.5 mL	67-68-5	TCI
129	2,2'-Azobis(2-methylpropionitrile)	100mL	78-67-1	Merck
130	Bortezomib	50mg	179324-69-7	TCI
131	Silver nitrate	2x25g	7761-88-8	Merck
132	Folic acid	25g	59-30-3	TCI
133	Paclitaxel	2x 100mg	33069-62-4	TCI
134	Hexane	500 mL	110-54-3	TCI
135	Hyaluronic acid	1g	9004-61-9	TCI
136	Sodiumperiodate	5g	7790-28-5	Merck
137	Nitric acid	500mL	7697-37-2	Merck
138	Hydrochloric acid	1 L	7647-01-0	Merck
139	N-hydroxysuccinimide	25g	6066-82-6	Merck
140	Chitosan	2x 25 g	9012-76-4	TCI
141	Di-tert-butylidicarbonate	100 mL	24424-99-5	TCI
142	Pectin	2 x 25 g	9000-69-5	TCI
143	Resveratrol	1 g	501-36-0	TCI
144	Acetone	2.5 L		Merck
145	Methanol	2.5L		Merck
146	Sulphuric acid	1 L		Merck
147	Dimethyl formamide	1 L		Merck
148	Curcumin	2 g	458-37-7	Merck
149	Glycol Chitosan	1 g		Merck
150	5- Flurouracil	5 g	51-21-8	TCI
151	Polylactic acid	1 g	26100-51-6	Merck

152	Dialysis membrane trial kit 12-14KD	1Meter	132754T1	Spectrum dialysis
153	Dialysis membrane trial kit 3.5KD ,1M	1Meter	132724T1	Spectrum dialysis
154	Powder free exam gloves KC 500 (Medium, Large)	1 Box		
155	Surgical mask	1 Box		
156	Acetic Acid Glacial Lr (Assay/Purity - 99.5%)	2.5L	64-19-7	MOLYCHEM
157	Sodium hydroxide pellets AR (Assay/Purity - 98%)	500 g	1310-73-2	NICE
158	Hydrochloric acid(Assay/Purity - 37%)	2.5 L	7647-01-0	
159	Sulfuric caid(Assay/Purity - 98%)	2.5 L	7664-93-9	
160	Oxalic acid AR(Assay/Purity - 99.5%)	500g	6153-56-6	MOLYCHEM
160	Potassium Iodide AR(Assay/Purity - 99.8%)	250 g	7681-11-0	MOLYCHEM
162	Sodium Acetate Anhydrous AR(Assay/Purity - 99%)	500 g	127-09-3	MOLYCHEM
163	Lead nitrate(Assay/Purity - 99%)	500 g	10099-74-8	NICE
164	SODIUM HYDROGEN CARBONATE PURIFIED(Assay/Purity - 99%)	500 g	144-55-8	MOLYCHEM
165	Potassium Dichromate LR(Assay/Purity - 99%)	500 g	7778-50-9	MOLYCHEM
166	Aniline LR(Assay/Purity - 99%)	2.5 L	62-53-3	MOLYCHEM
167	Aniline hydrochloride(Assay/Purity - 99%)	250g	142-04-1	NICE
168	Sodium chloride LR(Assay/Purity - 99%)	500 g	7647-14-5	MOLYCHEM
169	Lead sulphate(Assay/Purity - 98.5%)	500 g	7446-14-12	NICE
170	Sodium sulphate anhydrous AR(Assay/Purity - 99.5%)	500g	7757-82-2	NICE
171	Ammonia solution(Assay/Purity - 25%)	2.5 L	1336-21-6	NICE
172	Sodium hydroxide pellets AR(Assay/Purity - 98%)	500 g	1310-73-2	NICE

173	Hydrochloric acid(Assay/Purity –37%)	2.5 L	7647-01-0	-
174	Sulfuric acid(Assay/Purity – 98%)	2.5 L	7664-93-9	-
175	Phthalic acid AR(Assay/Purity – 99.5%)	500 g	88-99-3	MOLYCHEM
176	Silver nitrate AR(Assay/Purity – 99.9%)	25 g	7761-88-8	NICE
177	Nickel sulphate hexahydrate (Assay/Purity – 99%)	2 x 250 g	10101-97-0	NICE
178	Stannous chloride AR (Assay/Purity – 97%)	100 g	10025-69-1	MOLYCHEM
179	Manganese nitrate tetrahydrate (Assay/Purity – 97%)	100 g	20694-39-7	MERCK
180	Cobalt nitrate hexahydrate (Assay/Purity – 98%)	500 g	10026-22-9	MERCK
181	Succinic acid AR (Assay/Purity – 99.5%)	500 g	110-15-6	MOLYCHEM
182	Sodium hypophosphite monohydrate AR (Assay/Purity – 99%)	500 g	10039-56-2	MOLYCHEM
183	Strontium nitrate (Assay/Purity – 99%)	500g	10042-76-9	MERCK
184	Aluminium oxide (Assay/Purity – 99%)	10 g	1344-28-1	MERCK
185	Vacuum grease	4x 50 g	HSN CODE : 39100010	MOLYCHEM
186	Hexamethylenetetramine (Assay/Purity – 99%)	250 g	100-97-0	MERCK
187	Ammonium Chloride (Assay/Purity – 99%)	4x 500 g	Product ID : A11929	NICE
188	SILICA GEL SELF INDICATING 5-8 MESH (BLUE COARSE) (Coarse) (Blue) (Active drying and adsorption agent with moisture indicator.)	1 Kg	Cas No: 112926-00-8 HSN CODE : 38249925	MOLYCHEM
189	Tungsten powder (Assay/Purity – 99%)	100 g	7440-33-7	MOLYCHEM
190	Palladium(II) Chloride (Assay/Purity – 99.9%)	1mg	13746-66-2	Sigma Aldrich
191	Bacteria Stain solution Propidium iodide (Assay/Purity – 100%)	1mg/ml (25µl x 4)	25535-16-4	Sigma Aldrich
192	Luria Bertani Broth M1245	2x500g	-	Himedia
193	Potassium Ferricyanide (Assay/Purity – 99%)	500 g	13746-66-2	CDH

194	Agarose low EEO -MB002	100g	9012-36-6	Himedia
195	Tris Base-042061(Assay/Purity – 99.9%)	500 g	77-86-1	Spectrochem
196	Acetic Acid Glacial Acs-110101	500 ml	64-19-7	Spectrochem
197	E..D.T.A. DISODIUM SALT puriss AR-010546	500 g	6381-92-6	Spectrochem
198	Dimethylsulphoxide AR-010448	500 ml	67-68-5	Spectrochem
199	Ethidium Bromide-MB-071	1g	1239-45-8	Himedia
200	Iron powder-0109129	500g	7439-89-6	Spectrochem
201	Hipura plasmid DNA miniprep purification kit	MB-508-20PR	-	Himedia
202	Hiper Agarose gel electrophoresis teaching kit	HTBM001-10 rxn	-	Himedia
203	HipurA plasmid DNA miniprep purification kit 20PR	MB508-20rxn	-	Himedia
204	1Kb DNA ladder 50LN- MBT051	150 µl	-	Himedia
205	6X DNA loading buffer- ML015	1mlx2	-	Himedia
206	O-Phosphoric acid AR (Assay/Purity – 88%)	500 ml	7664-38-2	Himedia
207	Zinc Chloride (Assay/Purity – 98%)	500 g	7646-85-7	Merck
208	Aluminium Chloride (Assay/Purity – 99%)	500 g	7446-70-0	Sigma
209	Nitric acid AR (Assay/Purity –69 - 71%)	2.5 L	7697-37-2	Moly chem
210	Acetone LR (Assay/Purity – 99%)	2.5 L	67-64-1	Moly chem
211	Titanium(IV) isopropoxide (Assay/Purity – 97%)	1 L	546-68-9	Merck
212	DMF (Assay/Purity – 99.9%)	2.5 L	68-12-2	Merck
213	Manganese (II) Acetate Tetrahydrate (Assay/Purity – 99%)	500 g	6156-78-1	Sisco Research Laboratories Pvt. Ltd.
214	Boron Nitride Powder	250 g	-	Amazon

215	Oleic acid	1 L	112-80-1	Merck
216	Hydrazine monohydrate [N ₂ H ₄ .H ₂ O] (Assay/Purity – 98%)	100 g	7803-57-8	Merck
217	Zinc acetate dihydrate [Zn(CH ₃ CO ₂) ₂ .2H ₂ O](Assay/Purity – 99.5%)	500 g	5970-45-6	Molychem
218	Copper(II) chloride dihydrate [CuCl ₂ .2H ₂ O] (Assay/Purity – 99%)	500 g	10125-13-0	Molychem
219	Cetyltrimethylammonium bromide [CTAB] (Molecular Biology Grade)	100 g	57-09-0	Merck
220	Ferric chloride hexahydrate [FeCl ₃ .6H ₂ O](Assay/Purity – 98%)	500 g	10025-77-1	Molychem
221	Sodium sulphide flakes [Na ₂ S.xH ₂ O] (Assay/Purity – 55%)	500 g	27610-45-3	Molychem
222	Sodium lauryl sulphate LR (Assay/Purity – 99%)	500 g	151-21-3	Molychem
223	Hexamine AR (Assay/Purity – 99%)	500 g	100-97-0	Molychem
224	Cadmium acetate AR (Dihydrate) (Assay/Purity – 99%)	250 g	5743-04-4	Molychem
225	Hexagonal boron nitride powder (1 micrometer) (Assay/Purity – 98%)	50 g	10043-11-5	Sigma Aldrich
226	Ascorbic acid (Vitamin C)	500g x 1		
227	Aminopropyltrimethoxysilane	500ml x1		
228	Aminopropyltriethoxysilane	500ml x1		
229	Alexa 647	5g x1		
230	3-aminophenylboronic acid	5g x1		
231	3-aminopropyltriethoxysilane(APTES-98%)	500mLx1		
232	Acetone	2.5L x1		
233	N (aminobutyl)-N-(ethylisoluminol)	25mg x1		
234	Ortho - aminomethylphenylboronic acid	100mgx1		
235	Bilirubin	5g x2		
236	Biotin (Vitamin B7)	10g x1		

237	Boric acid	500ml x1		
238	Boron nitride	25ml x1		
239	Bovine serum albumin	100gx2		
240	Beta-2-microglobulin	Minimum pack		
241	bromothymol blue	5g x1		
242	Beta-cyclodextrin	100g x1		
243	2,2'-bipyridine-5,5'-dicarboxylic acid	5g x1		
244	4,4'-bipyridine	10g x1		
245	Citric acid	5gx1		
246	Creatinine	50gx1		
247	Creatine kinase-MB (CK-MB)	5gx1		
248	Copper sulphate	10gx1		
249	Copper Nitrate	25g x1		
250	Chitosan	50gx1		
251	L-Cysteine	100gx1		
252	Calcium nitrate	500gx1		
253	Cobalt nitrate	100g x1		
254	Cy3B dye	5g x1		
255	Cy3 dye	5g x1		
256	5-Carboxyfluorescein (5-FAM)	5gx1		
257	CTAB	100gx1		
258	Dipicolinic acid	100gx1		
259	Dylight 650	5gx1		

260	Dopamine	25gx1		
261	DMSO	250mlx1		
262	1-Ethyl-3-(3-dimethylaminopropyl)carbodiimide (EDC)	25gx1		
263	Ethanol	500mlx1		
264	Europium nitrate	1gx2		
265	Europium chloride	1gx2		
266	Ferric chloride	100gx1		
267	Ferrous chloride	25gx1		
268	Fluorescein isothiocyanate	100mgx1		
269	Folic acid (Vitamin B9)	10gx1		
270	Gallium chloride	1gx1		
271	Gallium nitrate	5gx1		
272	Glucose oxidase	10000 unitsx1		
273	Glycerol	500mlx1		
274	Gadolinium chloride	10g x1		
275	Glutathione	1g x1		
276	Gold(III)-chloride-trihydrate (HAuCl ₄ ·3H ₂ O, 99.9%)	5gx1		
277	N-Hydroxysuccinimide (NHS)	25gx1		
278	N-hydroxysulfosuccinimide (sulfo-NHS)	10gx1		
279	5-hydroxytryptamine hydrochloride (5-HT; 98%)	5gx1		
280	Hippuric acid (98%)	5gx1		

281	Haemoglobin	5g x1		
282	Heparin	minimum pack		
283	Homocysteine	10g x2		
284	Histidine	Minimum pack		
285	Indium chloride	10g x1		
286	Indium-nitrate 1,2,4,5-benzene tetracarboxylic acid.	10g x1		
287	Lucigenin	1g x1		
288	Luminol	5g x1		
289	Manganese chloride	10g x1		
290	Myoglobin	50g x1		
291	2-morpholinoethanesulfonic acid monohydrate (MES)	10g x1		
292	9-methylanthracene	2g x1		
293	Methyl red	25g x1		
294	Nickel(II)chloride hexahydrate	5g x1		
295	Norepinephrine	5g x1		
296	Protamine	5g x1		
297	Phenylhydrazine	100g x1		
298	polyethylenimine	1g x2		
299	Potassium peroxodisulphate	5g x1		
300	Ru(III) chloride hydrate (99.98% trace metal)	5g x1		

	basis)			
301	di-sodiumhydrogen-orthophosphate (Na ₂ HPO ₄)	50g x1		
302	sodium dihydrogen orthophosphate (NaH ₂ PO ₄)	50g x1		
303	Silver nitrate	100g x1		
304	Serotonin hydrochloride	1g x1		
305	Sarcosine	100g x1		
306	streptavidin	10g x1		
307	Trichloroacetic acid (ACS reagent>99.0%)	5g x1		
308	tri-n-propylamine	500ml x1		
309	Tris(bipyridine)ruthenium(II) chloride	5g x1		
310	3,3,5,5-tetramethylbenzidine dihydrochloride (TMB)	50 Tablets x1		
311	Terbium nitrate hexa hydrate	10g x1		
312	Terbium Chloride hexa hydrate	5g x2		
313	Tungsten salt (Sodium tungstate dihydrate)	100gx1		
314	Tween 20	250ml x1		
315	Urea (ACS reagent, 99.0-100.5)	100g x1		
316	Ureaphosphate	10g x1		
317	Uric acid	100g x1		
318	Vitamin A(Retinol) (Synthetic,>95%(HPLC), Crystalline	25 mg x3		
319	Vitamin B1 (Thiamine mononitrate)	5g x2		

	(98>%(HPLC)			
320	Vitamin B2 (Riboflavin)(Bioreagent,suitable for cell culture, suitable for inset cell culture>98%	25 g x1		
321	Vitamin B3 (Nicotinic acid) (>98%)	5g x2		
322	Vitamin B6 (Pyridoxine) (>98%)	5g x1		
323	Vitamin B12 (Cyanocobalamine)	1g x2		
324	Vitamin (Ealpha tocopherols) (>95.5%)	5g x1		
325	VitaminD(Ergocalciferol) (>98% sum of enantiomers,HPLC)	5g x1		
326	Vitamin B5 (D-Pantothenic acid hemicalcium salt) (>98%)	5g x1		
327	Zirconium chloride	100g x1		
328	Anti-Troponin I Antibody	100µg x1		
329	Anti-Troponin T (Cardiac Muscle) Antibody or Mouse monoclonal cardiac troponin I antibody (ab19615)	100µL x1		
330	Beta-trophin	20 µG x1		
331	Human BNP peptide	1mg x1		
332	Human serum albumin(HSA)	5g x1		
333	Troponin I, Human Heart	20 µG x1		
334	Tryptase	10 µG x1		
335	Troponin T from human heart	50µg x1		

336	Antimony (V) Chloride (>99%)	25 G	7647-18-9	Merck or Sigma Aldrich
337	9-phenyl carbazole (95%)	10 G	1150-62-5	
338	Cyanuric Chloride	25 G x 3	108-77-0	TCI
339	Melamine	25G x 2	108-78-1	Alfa Aesar
340	THF (HPLC)	1L x 3		Merck
341	HCl (37%)	2.5L x 2		
342	H ₂ SO ₄ (98%)	2.5L x 4		
343	HNO ₃ (69-71%)	2.5L x 2		
344	Ethanol	500 ml x 3		
345	K ₂ Cr ₂ O ₇	500G x 3		Nice
346	Methylene chloride-anhydrous	2.5L x 1		
347	4-methyl benzophenone	50G x 3	134-84-9	Alfa Aesar
348	Kimberly gloves (medium size)	3 packet		
349	Aluminium foil	5		
350	TLC Silica gel sheets	2 packet		Merck
351	4-Fluorobenzophenone >99.0% purity	25G x1	345-83-5	TCI
352	Sodium sulphate	500G x8		Merck
353	Sodium chloride	500G x 4	7647-14-5	Avra synthesis
354	Potassium dichromate	500G x 6	7778-50-9	Nice chemicals
355	Phenothiazine (>98%)	500G x 1	92-84-2	TCI
356	Sodium hydroxide pellets	500G x 4	1310-73-2	Nice chemicals

357	1,4- dioxane	2.5 L x 2	123-91-1	Spectrochem
358	Vacuum Greese	100 G		
359	Molecular sieves 4 A ⁰	500 G		
360	Ethyl beta-carboline-3-carboxylate	1g x 2	74214-62-3	Sigma/Spectrochem
361	Isopropanol	25 L x 4		
362	Hydrogen peroxide	500 ML x 4		
363	Glycerol	500 ML x 4		
364	Essential oil (Lemon flavour)	500 ML x 2		



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