

ID – VMM/5

Requirement of Chemicals for Chemistry Lab-2016-17

*Please quote only S D Fine or E-MERCK or Lobachemie or Qualigen or Ranbaxy Chemicals except otherwise stated and mention the name of the manufacturer for each within bracket

Sl No	ORGANIC CHEMICALS	Quantity
1.	Acetic acid	1 x 2.5 Lt
2.	Acetone	1 x 2.5 Lt
3.	Acetanilide	500 gm
4.	p-Anisidine	250 gm
5.	Aniline	500 mL
6.	Aniline Hydrochloride	500 gm
7.	2-Amino benzoic acid	500 gm
8.	3-Amino benzoic acid	100 gm
9.	4-Amino benzoic acid	100 gm
10.	3-Nitrobenzoic acid	100 gm
11.	Benzamide	500 gm
12.	Benzil	250 gm
13.	Benzoic acid	500 gm
14.	Benzoin	250 gm
15.	Benzophenone	500 gm
16.	Benzoyl Chloride	500 mL
17.	P-Bromo aniline	100 gm
18.	2-Bromo benzoic acid	100 gm
19.	Catechol	500 gm
20.	Chloroform	1 x 2.5 Lt
21.	Carbon Tetrachloride	1 x 2.5 Lt
22.	2-chloro benzoic acid	500 gm
23.	3-chloro benzoic acid	100 gm
24.	4-chloro benzoic acid	500 gm
25.	Cinnamic acid	250 gm
26.	Citric acid anhydrous	500 gm
27.	N,N-Dimethyl aniline	500 mL
28.	2,4-DNP	100 gm
29.	m-Dinitrobenzene	500 gm
30.	Ethyl Acetate	1 x 2.5 Lt
31.	Iodine resublimed	100 gm
32.	Formic Acid, AR	500 mL
33.	Glucose	1 kg
34.	Hydroquinone	100 gm
35.	4-Hydroxy benzaldehyde	500 gm
36.	4-Hydroxy benzoic acid	500 gm
37.	2-Methylbenzoic acid	500 gm
38.	3-Nitroaniline	250 gm
39.	4-Chloroaniline	500 gm
40.	Nitrobenzene	500 mL
41.	4-Nitrobenzoic acid	500 gm

42.	p-Nitro Toluene	500 gm
43.	Phenylacetic acid	500 gm
44.	Phthalic anhydride	500 gm
45.	Phthalimide	500 gm
46.	Potassium iodide	250 gm
47.	Salicylamide (2-Hydroxybenzamide)	100 gm
48.	Sodium-metal	500 gm
49.	Sodium hydrogen carbonate	1 kg
50.	Sodium Nitrite	2 X 500 gm
51.	Succinic acid	500 gm
52.	Sucrose/Cane sugar	1 kg
53.	p-Toluidine	500 gm
54.	Zinc-metal(powder)	500 gm
55.	Zinc-metal(Granulated)	500 gm
56.	Starch soluble	500 gm
57.	Methanol	1 x 2.5 Lt
58.	Methyl Acetate	2 X 500 mL
59.	4-Methyl benzoic acid	500 gm
60.	β -Naphthol or 2-Naphthol	500 gm
61.	α -Naphthyl amine	500 gm
62.	Oxalic acid	1 kg
63.	Phenol	500 gm
64.	2-Aminophenol	500 gm
65.	2-Nitrophenol	500 gm
66.	4-Nitrophenol	500 gm
67.	Resorcinol	250 gm
68.	Salicylic acid	500 gm
69.	Sulphanilic acid	500 gm
70.	DL-Tartaric Acid	500 gm
71.	Vaniline	100 gm
72.	Urea	500
	Total	

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Sl No	INORGANIC CHEMICALS	Quantity
1.	Acetic acid glacial	2 x 2.5 L
2.	Alizarin red S	25 gm
3.	Aluminium ammonium Sulphate 12 Hydrate (Ammonium Alum)	500 gm
4.	Aluminium fluoride	500 gm
5.	Aluminium Nitrate	2 x 500 gm
6.	Aluminium Oxide neutral	500 gm
7.	Aluminium Phosphate	500 gm
8.	Aluminium Sulphate	2 x 500 gm
9.	Ammonia solution	2 x 2.5 L
10.	Ammonium acetate	500 gm
11.	Ammonium carbonate	2 x 500 gm
12.	Ammonium Chloride	1 kg
13.	Ammonium dichromate	500 gm
14.	Ammonium ferrous sulphate	2 kg
15.	Ammonium hydrogen difluoride	500 gm
16.	Ammonium fluoride	500 gm
17.	Ammonium hexafluorophosphate	5 gm
18.	Ammonium molybdate	100 gm
19.	Ammonium nitrate	500 gm
20.	Ammonium peroxydisulphate	500 gm
21.	Ammonium sulphate AR	500 gm
22.	Ammonium thiocyanate	500 gm
23.	Antimony sulphide black	500 gm
24.	Antimony(III) Chloride	250 gm
25.	Antimony(III) oxide	500 gm
26.	Barium Chloride	500 gm
27.	Barium sulphate	500 gm
28.	Barium nitrate	500 gm
29.	Benzene	2 x 2.5 L
30.	Bismuth nitrate	100 gm
31.	Bismuth oxide	100 gm
32.	Boric acid	2 x 500 gm
33.	Cadmium oxide	100 gm
34.	Calcium carbonate	500 gm
35.	Calcium chloride anhydrous	1 kg
36.	Calcium chloride fused	5 kg
37.	Calcium fluoride	500 gm
38.	Calcium sulphate dihydrate	500 gm
39.	Charcoal Activated	500 gm
40.	Chromium (III) sulphate	500 gm
41.	Chromium oxide Cr ₂ O ₃	500 gm
42.	Cobalt (II) acetate	250 gm
43.	Cobalt (II) nitrate hexahydrate	500 gm
44.	Cobalt oxide	100 gm

45.	Copper arsenate	250 gm
46.	Copper borate	500 gm
47.	Copper phosphate	500 gm
48.	Copper turnings	500 gm
49.	Cupric carbonate basic	500 gm
50.	Cupric chloride	500 gm
51.	Cupric Nitrate	500 gm
52.	Cupric oxide powder	100 gm
53.	di-Ammonium hydrogen orthophosphate	500 gm
54.	Dimethylglyoxime AR	100 gm
55.	Disodium hydrogen phosphate	500 gm
56.	di-Sodium tetraborate decahydrate (Borax)	500 gm
57.	Ferric Nitrate	500 gm
58.	Ferrous sulphate, AR	500 gm
59.	Hydrochloric acid	4 × 2.5 L
60.	Hydrogen peroxide 30% w/v	2 × 500 mL
61.	Iron (III) oxide	500 gm
62.	Iron powder	1 kg
63.	Iron(III) phosphate	500 gm
64.	Lead acetate	500 gm
65.	Lead dioxide	250 gm
66.	Litmus blue indicator paper	2 box
67.	Litmus red indicator paper	2 box
68.	Magnesium chloride hexahydrate	500 gm
69.	Magnesium Nitrate	500 gm
70.	Magnesium oxide	500 gm
71.	Magnesium Phosphate	500 gm
72.	Magnesium sulphate AR	500 gm
73.	Magnesium turnings	250 gm
74.	Manganese dioxide	500 gm
75.	Manganous Chloride	500 gm
76.	Manganous sulphate	500 gm
77.	Mercuric chloride	25 gm
78.	Mica Foil	500 gm
79.	Nickel borate	500 gm
80.	Nickel (II) sulphate hexahydrate	250 gm
81.	Nickel chloride	500 gm
82.	Nickel nitrate	500 gm
83.	Nickel phosphate	500 gm
84.	Nitric acid	4 × 2.5 L
85.	Orthophosphoric acid	2 × 2.5 L
86.	Potassium aluminium sulphate	500 gm
87.	Potassium bromide	500 gm
88.	Potassium chloride	2×500 gm
89.	Potassium chromate	500 gm

90.	Potassium dichromate	1 kg
91.	Potassium ferricyanide	100 gm
92.	Potassium ferrocyanide	500 gm
93.	Potassium fluoride	500 gm
94.	Potassium hydrogen sulphate	500 gm
95.	Potassium hydroxide pellets	2×500 gm
96.	Potassium hydrogen tartrate	500 gm
97.	Potassium iodide	250 gm
98.	Potassium nitrate AR	500 gm
99.	Potassium nitrite	250 gm
100.	Potassium permanganate	500 gm
101.	Potassium peroxodisulphate	500 gm
102.	Potassium sulphate	500 gm
103.	Potassium thiocyanate	500 gm
104.	Rhodamine B	25 gm
105.	Silver nitrate	25 gm
106.	Soda lime	500 gm
107.	Sodium acetate	500 gm
108.	Sodium arsenate AR	250 gm
109.	Sodium bromide	500 gm
110.	Sodium carbonate	5 kg
111.	Sodium chloride	1 kg
112.	Sodium dihydrogen phosphate	500 gm
113.	Sodium fluoride	500 gm
114.	Sodium hexanitritocobaltate	100 gm
115.	Sodium hydrogen carbonate	1 kg
116.	Sodium hydroxide pallets	4×500 gm
117.	Sodium hypophosphite	500 gm
118.	Sodium iodide	250 gm
119.	Sodium nitrate AR	2×500 gm
120.	Sodium nitrite	2×500 gm
121.	Sodium nitroprusside	100 gm
122.	Sodium sulphate	2×500 gm
123.	Sodium thiosulphate pentahydrate	2×500 gm
124.	Stannous chloride AR	250 gm
125.	Strontium chloride	500 gm
126.	Strontium nitrate	500 gm
127.	Strontium oxalate	500 gm
128.	Strontium sulphate	250 gm
129.	Sulfuric acid	4 × 2.5 L
130.	Tin (metal) granulated	100 gm
131.	Titan yellow AR	10 g
132.	Zinc (metal) powder	500 gm
133.	Zinc oxide	500 gm
134.	Zinc phosphate	500 gm
135.	Zinc sulphate	500 gm
136.	Zinc sulphide	500 gm
137.	Zirconyl Nitrate	250 gm
138.	Zinc uranyl acetate	10 gm

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