

CHEMICALS LIST 2018

(FOR B.Sc. FAMILY AND COMMUNITY SCIENCE)

1. MOLISCH'S REAGENT	- 15 BOTTLES
2. CONCENTRATED SULPHURIC ACID (500 ML)	-1 BOTTLE
3. FEHLING'S A 50 ML	- 12 BOTTLES
4. FEHLING'S B 50 ML	- 12 BOTTLES
5. BENEDICT'S QUALITATIVE REAGENT 500 ML	- 6 BOTTLES
6. BARFOEDS REAGENT	- 18 BOTTLES
7. SELIVANOFF'S REAGENT	- 20 BOTTLES
8. GLUCOSE 500 G	- 5 BOTTLE
9. FRUCTOSE 500 G	- 5 BOTTLE
10. LACTOSE 500 G	- 5 BOTTLE
11. MALTOSE 500 G	- 5 BOTTLE
12. SUCROSE 500 G	-5 BOTTLE
13. PHENYLHYDRAZINE HYDROCHLORIDE 500 G	- 8 BOTTLE
14. SODIUM ACETATE 500 G	- 6 BOTTLE
15. CONCENTRATED HYDROCHLORIC ACID 500 ML	- 2 BOTTLE
16. AMMONIUM OXALATE 500 G	- 2 BOTTLE
17. ACETIC ACID 500 ML	- 2 BOTTLE
18. BENEDICTS QUANTITATIVE 500 ML	- 5 BOTTLES
19. COPPER SULPHATE 500 G	- 3 BOTTLE
20. ANHYDROUS SODIUM CARBONATE 500 G	- 6 BOTTLES
21. WHATMAN FILTER PAPER NO.40	- 6 PACKETS
22. OXALIC ACID 500 G	- 3 BOTTLE
23. AMMONIA SOLUTION 500 ML	- 2 BOTTLE
24. SODIUM HYDROXIDE PELLETS (500G)	- 2 BOTTLE
25. SODIUM TUNGSTATE (500G)	- 4 BOTTLE
26. CON.HNO ₃	-1 Bottle
27. MILLIONS REAGENT	-10 BOTTLE
28. SODIUM HYDROXIDE(500G)	-3 BOTTLE
29. POTTASSIUM THIOCYANATE(500)	-1 BOTTLE
30. AMMONIUM MOLYBDATE (500)	-1 BOTTLE

DEPARTMENT OF CHEMISTRY

C M S COLLEGE, KOTTAYAM

List of Chemicals

1. Acetic acid (Glacial)	2.5 Litter
2. Acetone	2.5 Litter
3. Aluminium Nitrate	500gm
4. Aluminium Sulphate	500gm
5. Ammonia Solution	2.5 Litter
6. Ammonium Borate	500gm
7. Ammonium Phosphate	500gm
8. Ammonium Fluoride	500gm
9. Ammonium Chloride	500gm
10. Ammonium Carbonate	500gm
11. Ammonium oxalate	500gm
12. Aniline	500ml
13. Acetanilide	500gm
14. Barium Chloride	500gm
15. Barium Nitrate	500gm
16. Benzaldehyde	500gm
17. Benzene	500gm
18. Benzoyl Chloride	500ml
19. Biphenyl	250gm
20. Calcium Carbonate	500gm
21. Calcium Chloride	500gm
22. Calcium Fluoride	500gm

23. Copper sulphate	500gm
24. Chloroform	2.5 Litter
25. Citric acid	500gm
26. Camphor	100gm
27. Clove oil (Merk)	100ml
28. Cinnamic acid	500gm
29. Cobalt nitrate	250gm
30. D. Glucose	500gm
31. Disodium hydrogen phosphate	500gm
32. Diethyl Ether	500ml
33. Eriochrome black T	100gm
34. Ferrous ammonium sulphate	500gm
35. Ferric ammonium sulphate	500gm
36. Filter paper (ordinary)	100sheet
37. Filter paper (What man No1, 110)	100 Nos
38. Fusion tube	1 Packet
39. Glycerol	500ml
40. Hexane	2.5 Litter
41. Hydrochloric acid	2.5 Litter
42. Hydrogen peroxide	2.5 Litter
43. Hydroxyl amine hydrochloride	250gm
44. Iodine	100gm
45. Lead acetate	500gm
46. Lead peroxide	500ml
47. Lemon grass oil	100ml
48. Lithium carbonate	500gm
49. Lithium sulphate	500gm
50. Magnesium Sulphate	500gm
51. Magnesium carbonate	500gm

52. Manganese acetate	500gm
53. Manganese sulphate	500gm
54. Manganese dioxide	500gm
55. Mercuric chloride	100gm
56. Methyl orange	100gm
57. Methylene blue	100gm
58. Methyl benzoate	500gm
59. N-Phenyl anthranilic acid	100gm
60. Nitric acid	2.5 Litter
61. Nitro benzene	500ml
62. Naphthol Beta	500gm
63. Naphthol Alpha	500gm
64. Nickel ammonium sulphate	500gm
65. Naphthalene	500gm
66. Olive oil	100ml
67. Oxalic acid	500gm
68. Petroleum ether	2.5 Litter
69. Phosphoric acid	500ml
70. Phthalic acid	500gm
71. Phenyl hydrazine	
72. Phenol	500ml
73. Potassium iodide	500gm
74. Potassium Chloride	500gm
75. Potassium sulphate	500gm
76. Potassium thiocyanate	500gm
77. Potassium permanganate	500gm
78. Potassium bromide	500gm
79. Potassium bromated	500gm
80. Potassium dichromate	500gm

81. Potassium ferrocyanide	500gm
82. Potassium ferric cyanide	500gm
83. Potassium hydroxide	500gm
84. Potassium hydrogen phthalate	500gm
85. Picric acid	500ml
86. Resorcinol	500ml
87. Silica gel (colourless)	500gm
88. Sodium hydroxide	500gm
89. Sodium carbonate AR	500gm
90. Sodium bicarbonate	500gm
91. Sodium chloride	500gm
92. Sodium thiosulphate	500gm
93. Sodium metal	500gm
94. Sodium bisulphite	500gm
95. Strontium nitrate	500gm
96. Starch	1kg
97. Sulphuric acid	500 ml /2.5 Litter
98. Sodium nitrite	500gm
99. Salicylic acid	1kg
100. Succinic acid	500gm
101. Stannous chloride	100gm
102. Thiourea	500gm
103. Urea	1kg
104. Zinc acetate	500gm
105. Zinc Sulphate	500gm
106. Zinc dust	500gm

Department of Botany List of Chemicals - PD Account 2018

Department of Botany List of Chemicals - PD Account 2018			
CHEMICAL			Req. quantity
1	Calcium Nitrate Tetrahydrate	lowest packing	1
2	Sodium bicarbonate	lowest packing	1
3	Sodium nitrate	lowest packing	1
4	potassium dihydrogen phosphate	lowest packing	1
5	dipotassium hydrogen orthophosphate	lowest packing	1
6	Magnesium Sulfate Heptahydrate	lowest packing	1
7	Calcium Chloride Dihydrate	lowest packing	1
8	Sodium chloride	lowest packing	1
9	Sodium carbonate	lowest packing	1
10	Sodium metasilicate nonahydrate	lowest packing	1
11	Ethylenediaminetetraacetic Acid	lowest packing	1
12	Iron(III) Chloride Hexahydrate	lowest packing	1
13	Potassium hydroxide	lowest packing	1
14	Boric acid	lowest packing	1
15	Iron(II) Sulfate Heptahydrate	lowest packing	1
16	Manganese(II) Chloride Tetrahydrate	lowest packing	1
17	Ammonium molybdate tetrahydrate	lowest packing	1
18	Potassium sulfate	lowest packing	1
19	Citric acid	lowest packing	1
20	Ferric ammonium citrate	lowest packing	1
21	Glycerol	lowest packing	1
22	Zinc sulfate heptahydrate	lowest packing	1
23	Sodium molybdate dihydrate	lowest packing	1
24	Copper(II) Sulfate Pentahydrate	lowest packing	1
26	Cobalt(II) Nitrate Hexahydrate	lowest packing	1
27	Anthrone reagent	lowest packing	1
28	NaOH	lowest packing	1
29	KOH	lowest packing	1
30	HCl	lowest packing	1
31	H2SO4	lowest packing	1
32	Chloroform	lowest packing	1
33	Acetic acid	lowest packing	1
34	Methanol	lowest packing	1
35	Acetone	lowest packing	1
36	Isopropyl alcohol	lowest packing	1

37	Petrolume ether	lowest packing	1
38	Nile red fluorescent stain	lowest packing	1
39	Vitamin B12	lowest packing	1
40	Thiamine HCl	lowest packing	1
41	Biotin	lowest packing	1
42	Acetocarmine sol.	lowest packing	1
43	Agar Agar- Bacteriological	lowest packing	1
44	Agar Agar- Tissue culture	lowest packing	1
45	Lamposolv	lowest packing	1
46	Filter paper- Watman-1, 42	lowest packing	1
47	Paraffin wax with cersan 52-56°C	lowest packing	1
48	Peptone	lowest packing	1
49	Beef extract	lowest packing	1
50	Labolene	lowest packing	1
51	Petrolume sprit	lowest packing	1
52	Ninhydrin	lowest packing	1
53	Phenol	lowest packing	1
54	Toluene	lowest packing	1
55	Benzene	lowest packing	1
56	DPX	lowest packing	1
57	Formalin	lowest packing	1
58	Tert. Butyl Alcohol	lowest packing	1
59	Folin ciocalteu reagent	lowest packing	1
60	Agarose (Mol bio)	lowest packing	1
61	Ethidium Bromide	lowest packing	1
62	Silica gel for TLC	lowest packing	1
63	Basic Fuchsin	lowest packing	1
64	Lactophenol blue	lowest packing	1
65	Dimethyl sulfoxide	lowest packing	1
66	Ninhydrin	lowest packing	1
67	2 methoxy ethanol	lowest packing	1
68	Triss base	lowest packing	1
69	Phenol	lowest packing	1
70	Silver nitrate	lowest packing	1
71	Lactose broth	lowest packing	1
72	Absorbent cotton	lowest packing	1
73	Non absorbent cotton	lowest packing	1
74	Aniline blue	lowest packing	1
75	Euparal	lowest packing	1
76	Sudan black B	lowest packing	1
77	Acetic acid	lowest packing	1

78	Sodium sulfate	lowest packing	1
79	Coomassie brilliant blue 250	lowest packing	1
80	Potassium tiosulphate	lowest packing	1
81	Toluidine blue o	lowest packing	1
82	Periodic acid	lowest packing	1
83	Deionised water	lowest packing	1
84	Gallic acid	lowest packing	1
85	Heptane	lowest packing	1
68	MES Buffer	lowest packing	1
87	Abscisic acid	lowest packing	1
88	2,4 dichloro phenoxy acetic acid	lowest packing	1
89	Gibberllic acid	lowest packing	1
90	Indole 3 acetic acid	lowest packing	1
91	Indole 3 butric acid	lowest packing	1
92	Indole 3 propionic acid	lowest packing	1
93	Kinetin	lowest packing	1
94	Alpha naphthalene acetic acid	lowest packing	1
95	Zeatin	lowest packing	1
96	Diethyl ether	lowest packing	1
97	Peptone	lowest packing	1
98	Sodium perchlorate	lowest packing	1
99	Hypochlorous acid	lowest packing	1
100	Zinc acetate	lowest packing	1
101	Potassium ferrocyanide	lowest packing	1
102	Sodium citrate	lowest packing	1
103	Nystatin	lowest packing	1
104	DPPH	lowest packing	1
105	B-carotene	lowest packing	1
106	C-phycoyanin	lowest packing	1
107	DEAE Cellulose- weak Anion exchange resin	lowest packing	1
108	Sephadex G 100	lowest packing	1
109	Buffer solution- 4, 7 10	lowest packing	1
110	Hexane	lowest packing	1
111	Dichloromethane	lowest packing	1
112	DMSO	lowest packing	1

LIST OF CHEMICALS - DEPT. ZOOLOGY 2018 – 2019

	Name of chemical
1	Aceto carmine solution
2	Acetone
3	Acetoorcein solution
4	Acrylamide
5	Agar Agar bacteriological
6	Agarose
7	Ammonium molybdate
8	Amylase enzyme
9	Antimony potassium tartarate
10	API strip for gram positive and gram negative bacteria
11	Ascorbic acid
12	Beef extract
13	Benedicts Reagent
14	Bisacrylamide
15	Biuret reagent
16	Borax carmine
17	Bovine Albumin
18	Bromophenol blue
19	Carbolfuchsin
20	Chemicals for blood grouping (A,B , Rh)
21	Chloroform
22	Cholesterol
23	Chromatography paper
24	Colchicine
25	Crystal Violet Sol.
26	Di potassium hydrogen orthophosphate
27	Diacetyl monoxime
28	Diethyl Ether
29	Diphenylamine
30	Disodium hydrogen phosphate
31	DNA Extraction kit 50 No.
32	DNA marker
33	EDTA
34	Eosin
35	Eosin methylene blue
36	Ethydium bromide
37	Fehling's Solution A &B
38	Ferrous ammonium sulphate
39	Formaldehyde
40	Glacial acetic acid

41	Glucose
42	Glycerine
43	glycine
44	Grams Iodine Sol.
45	Haematoxyline Solution
46	Hydrochloric acid
47	Hydrogen peroxide
48	Iodine
49	Leishman's stain (Nice)
50	Lugols iodine
51	Mac Conkey agar
52	ManganousSulphate
53	Methanol
54	Methyline blue
55	Neutral Red
56	Nigrosin
57	Ninhydrin
58	Nitrobluetetrasolium
59	Nutrient agar
60	Nutrient broth
61	O toluidine reagent
62	O- Toluidine reagent
63	Olive Oil
64	Orcein Powder
65	Para nitrophenyl phosphate
66	Paraffin Wax with ceresin
67	Peptone
68	Periodic Acid
69	pH buffer 7, 4 & 9
70	Phosphoric acid
71	Potassium hydroxide pellets
72	Potassium iodide
73	potassium nitrate
74	Potato Dextrose Agar
75	Propionic Acid
76	RBC diluting fluid
77	Riboflavin
78	Safranin Stain Sol.
79	Salycilic acid
80	Schiffs Reagent
81	Sodium Chloride
82	Sodium Citrate
83	Sodium dihydrogen phosphate
84	Sodium Hydroxide Pellets
85	Sodium potassium tartarate

86	Sodium thiosulphate 5 hydrate
87	Sudan black
88	Sulfuric acid
89	Sulphosalicylic Acid
90	Sulphuric acid
91	TEMED
92	Tert-Butanol
93	Tetramethylparaphenylamine diamine dihydro chloride
94	Thiosemicarbazide
95	Toluidine blue Stain
96	Trichloroacetic acid
97	WBC diluting fluid
98	Xylene
99	Yeast extract powder

Department of Physics
CMS College, Kottayam

LIST OF CHEMICALS

No	Name of Chemical	Quantity
1	Methanol	2 lr
2	Ethanol	2 lr
3	L-Lysine	25 g
4	4-Amino pyridine	25 g
5	Succinic acid	100 g
6	Benzoic acid	25 g
7	4-hydroxy benzoic acid	50 g
8	4-methylbenzoic acid	100 g
9	Trifluoroacetic acid	25 ml
10	2-Amino pyridine	25 g
11	4-nitrophenol	50 g
12	1-methyl-2-((2,4,5,7-tetranitro-9H-fluoren-9-ylidene)methyl)pyrrolidine	25 g
13	3,4-dihydroxybenzoic acid	25 g
14	Triethylamin	100 ml
15	3-nitrobenzoic acid	500 g
16	2-amino-5-methylpyridine	100g
17	4-(Methylsulfonyl)benzaldehyde	250 mg