

Govt.College Kariavattom
Department of Chemistry and Industrial Chemistry 2025-26
CHEMICALS

Sl no	Item	Quantity	specification
1	Phenol 500 mL	5	Merk/Aldrich or equivalent
2	Sodium carbonate 500g	3	Merk/Aldrich or equivalent
3	Manganese Dioxide 500g	1	Merk/Aldrich or equivalent
4	Lead Nitrate 500g	4	Merk/Aldrich or equivalent
5	Calcium Fluoride 500g	2	Merk/Aldrich or equivalent
6	Strontium chloride 500g	2	Merk/Aldrich or equivalent
7	Zinc Borate 500g	3	Merk/Aldrich or equivalent
8	Aluminium Nitrate 500g	4	Merk/Aldrich or equivalent
9	Ferrous sulphate	3	Merk/Aldrich or equivalent
10	Tollens reagent 125 mL	2	Merk/Aldrich or equivalent
11	Mohrs salt 500g	4	Merk/Aldrich or equivalent
12	Cobalt chloride 500g	3	Merk/Aldrich or equivalent
13	Ammonium chloride 500g	5	Merk/Aldrich or equivalent
14	Schiffs Reagent 125 mL	5	Merk/Aldrich or equivalent
15	Borches Reagent 125 mL	5	Merk/Aldrich or equivalent
16	Sodium hydroxide 500g	4	Merk/Aldrich or equivalent
17	Yellow ammonium sulphide 500ml	3	Merk/Aldrich or equivalent
18	Sodium nitrite 500g	3	Merk/Aldrich or equivalent
19	Ammonia solution 500 mL	5	Merk/Aldrich or equivalent
20	Acetone 500 mL	4	Merk/Aldrich or equivalent
21	Chloroform 500 mL	2	Merk/Aldrich or equivalent
22	Benzene 500 mL	1	Merk/Aldrich or equivalent
23	Diethyl ether 500 mL	2	Merk/Aldrich or equivalent
24	Bromine water 500 mL	3	Merk/Aldrich or equivalent
25	Ammonium carbonate 500 g	1	Merk/Aldrich or equivalent
26	Phenolphthalein indicator 125 mL	4	Merk/Aldrich or equivalent
27	Potassium ferrocyanide 500g	1	Merk/Aldrich or equivalent
28	Potassium chromate 500g	1	Merk/Aldrich or equivalent
29	Methyl orange 125 mL	4	Merk/Aldrich or equivalent
30	Sodium oxalate 500 g	2	Merk/Aldrich or equivalent
31	Acetophenone 500 mL	2	Merk/Aldrich or equivalent
32	Methanol 500 mL	1	Merk/Aldrich or equivalent

33	Starch powder 100g	2	Merk/Aldrich or equivalent
34	Diphenyl carbazide 100g	2	Sigma aldrich
35	Ninhydrin reagent	4	Merk/Aldrich or equivalent
36	Cyanocrystalate 200g	2	Merk/Aldrich or equivalent
37	Ferrous Ammonium sulphate 500g	4	Merk/Aldrich or equivalent
38	Biphenyl 500g	1	Merk/Aldrich or equivalent
39	1,4-Dichlorobenzene 500 g	1	Merk/Aldrich or equivalent
40	Diphenyl amine 500g	1	Sigma aldrich
41	Hydrated sodium acetate 500g	1	Merk/Aldrich or equivalent
42	Calcium nitrate 500g	2	Merk/Aldrich or equivalent
43	Magnesium nitrate 500g	2	Merk/Aldrich or equivalent
44	Manganese nitrate 500g	2	Sigma aldrich
45	Manganous sulphate 500 g	1	Sigma aldrich
46	Potassium Iodide 50g	1	Merk/Aldrich or equivalent
47	Silver sulphate 50 g	1	Merk/Aldrich or equivalent
48	Mercuric sulphate 100g	1	Merk/Aldrich or equivalent
49	Silver nitrate 100 g	1	Merk/Aldrich or equivalent
50	Disodium EDTA 500g	1	Merk/Aldrich or equivalent
51	Acetic acid 500 mL	2	Merk/Aldrich or equivalent
52	Phenanthroline monohydrate 100g	1	Merk/Aldrich or equivalent
53	Alumina 500g	2	for coloumn chromatography
54	Silica gel 500 g	2	for coloumn chromatography
55	Iodine	300 gm	Merk/Aldrich or equivalent
56	Whatman 40 filter paper	2 pack	
57	Ferroin Indicator 250	1	Merk/Aldrich or equivalent
58	Potassium thiocyanate 250 g	1	Merk/Aldrich or equivalent
59	Eriochrome black T 100g	1	Merk/Aldrich or equivalent
60	Leuco crystal violet (LCV) 100g	1	Merk/Aldrich or equivalent
61	Luminol 100g	1	Merk/Aldrich or equivalent
62	Carbon tetra chloride 500 mL	5	Merk/Aldrich or equivalent
63	Acetanilide 500 mL	1	Merk/Aldrich or equivalent
64	Isopropyl alcohol 500 mL	1	Merk/Aldrich or equivalent
65	Glycerol 500 mL	1	Merk/Aldrich or equivalent
66	Hydrogen peroxide 500 mL	1	Merk/Aldrich or equivalent
67	Boric acid 500g	1	Merk/Aldrich or equivalent
68	potassium sulphate 500g	1	Merk/Aldrich or equivalent

69	Sodium hydroxide pellets 500g	2	Merk/Aldrich or equivalent
70	Urea 500 g	1	Merk/Aldrich or equivalent
71	Naphthalene 500g	1	Merk/Aldrich or equivalent
72	Sodiumthosulphate pentahydrate 500g	1	Merk/Aldrich or equivalent
73	Glucose 500 g	1	Merk/Aldrich or equivalent