

EXPERIMENTAL TOOLS

4.1 | LABORATORY CHEMICALS

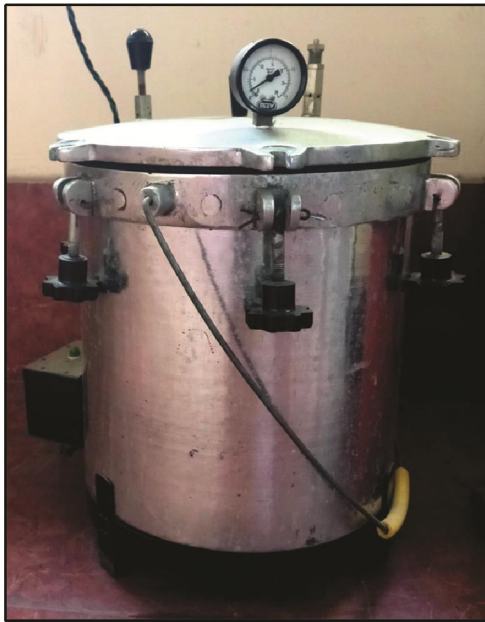
Sl. No.	Name
1.	2, 2-diphenyl-1-picrylhydrazyl (DPPH)
2.	2,2'-azino-bis(3-ethylbenzothiazoline-6-sulphonic acid) (ABTS)
3.	Acetic Acid Glacial extrapure
4.	Acetone Emparta ACS
5.	ACS Ascorbic acid
6.	Aluminium chloride, extrapure
7.	Aluminium oxide active, neutral Activity I-II
8.	Ammonia solution min. 25% GR
9.	Barium chloride
10.	BG 11 Broth with Minerals
11.	Butylated Hydroxy Toluene (BHT)
12.	Carbinol puriss AR
13.	Chloroform extrapure
14.	Cinnamic Acid
15.	Clove Oil
16.	Dichloromethane (methylene chloride) extrapure AR
17.	Dimethyl Sulphoxide
18.	Dimethyl Sulphoxide extrapure
19.	di-Sodium hydrogen phosphate anhydrous
20.	Egg Yolk
21.	Eosin, 2% w/v
22.	Ethanol absolute for analysis
23.	Ethyl Acetate puriss AR, HPLC grade
24.	Ferulic Acid
25.	Florisil® Magnesium silicate activated

Sl. No.	Name
26.	Folin- Ciocalteu Reagent
27.	Formaldehyde Solution 37%
28.	Gallic Acid
29.	Glass Wool
30.	Haematoxylin Stain
31.	Halite (Rock Salt)
32.	Hexane, LR Grade
33.	Hydrochloric acid 10%
34.	Immersion oil, for microscopy (Low viscosity)
35.	Iodine Resublimed
36.	Lactophenol Cotton Blue
37.	Latex Examination Gloves
38.	Magnesium Carbonate Light pure
39.	Mayers Albumin
40.	Metroark
41.	Mueller Hinton Agar, Granulated, HiMedia
42.	Millipore Water
43.	n-Pentane puriss for synthesis
44.	Nutrient Broth, HiMedia
45.	Oxy – tetracycline hydrochloride
46.	Paraffin wax
47.	Petroleum Ether 40-60°C extrapure
48.	Potassium chloride GR
49.	Potassium Dichromate pure
50.	Potassium dichromate, Hi-AR TM /ACS
51.	Potassium dihydrogen phosphate anhydrous

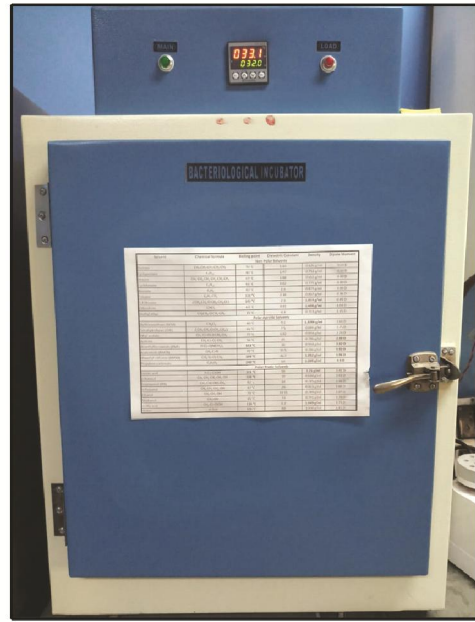
Sl. No.	Name
52.	Potassium Ferricyanide extrapure
53.	Potassium iodide GR
54.	Potassium permanganate Purified
55.	Quercetin
56.	R.B.C. Diluting Fluid (Grower's)
57.	R-2 A Agar, HiMedia
58.	Sabouraud Dextrose Agar, HiMedia
59.	Sabouraud Dextrose Broth, HiMedia
60.	Silica Gel 230-400 mesh
61.	Silica Gel 60-120 mesh
62.	Silica Gel G (For thin layer chromatography with binder)
63.	Silica Gel G for TLC
64.	Silica Gel GF
65.	Sodium carbonate anhydrous
66.	Sodium chloride
67.	Sodium hydroxide
68.	Sodium nitrite Emplura®
69.	Sodium phosphate, dibasic, 99+%
70.	Sodium phosphate, monobasic monohydrate, 99+%
71.	Sodium sulphate anhydrous
72.	Steinberg medium, SRL
73.	Sterile Membrane Filters
74.	Sulphuric Acid, 95%
75.	Tannic Acid
76.	Tetrazolium chloride
77.	TLC Silica gel 60 F ₂₅₄

Sl. No.	Name
78.	Toluene extrapure AR
79.	Tryptone Soya Broth, HiMedia
80.	Xylene
81.	W.B.C. Diluting Fluid

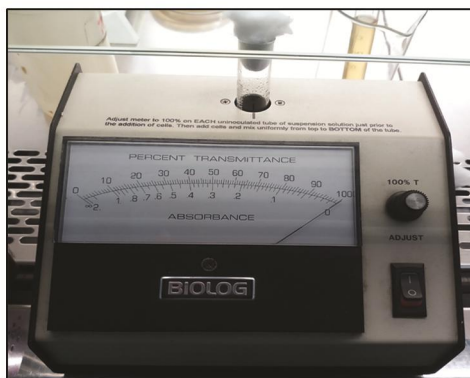
4.2 LABORATORY INSTRUMENTS



AUTOCLAVE



BACTERIOLOGICAL INCUBATOR



NEPHELOMETER



SOXHLET APPARATUS



CHLOROPHYLL APPARATUS



**REFRIGERATOR
(-20oC)**



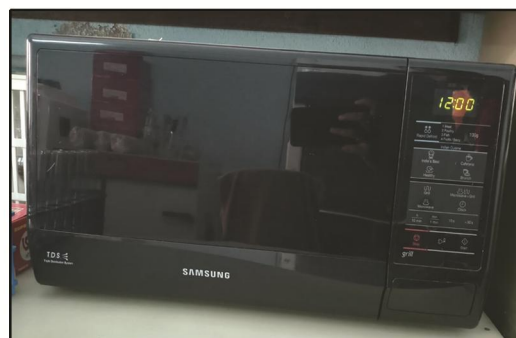
MICROTOME



WEIGHT BALANCE



**WATER BATH WITH
PARAFFIN HOLDER**



MICROWAVE



HOT PLATE



REFRIGERATED CENTRIFUGE



SPECTROPHOTOMETER



UV TRANSILLUMINATOR



PCR & ELECTROPHORESIS EQUIPMENT



VACUUM PUMP



ROTARY VACUUM EVAPORATOR



HATCHERY



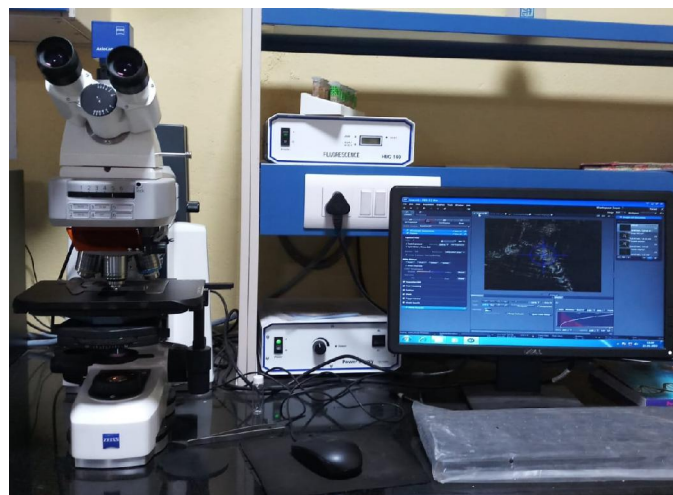
HOT AIR OVEN



BIOSAFETY CABINET



CENTRIFUGE



MICROSCOPE