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List of Apparatus/Equipments/Glasswares required for State Public Health Laboratory, Assam for the financial years 2022-2023 and 2023-2024.

Sl. No	Item List
1	Water Bath Rectangular 6 holes with temperature control knob and temperature display
2	Twelve holes (12 holes) water bath rectangular with temperature control knob and temperature display
3	Heating mantle with four flask capacity
4	Heating mantle single flask capacity
5	Heating stirrer with hot plate
6	Heating stirrer without hot plate
7	Distillation Plant Heater (Borosil)
8	Kjeldahl Distillation Assembly
9	Petri dishes (100 mm dia)
10	Butyrometer (Gerber Tube) with ISI mark & certificate.
11	Pipette-Garber, 10.75 ml
12	Stopper for Butyrometer
13	Wire Gauge, 6" x 6"
14	Test tube 15 x 150 mm
15	Glass stoppered Test Tube
16	Test tube stand (12 and 20 places)
17	Beaker 10 ml
18	Beaker 25 ml
19	Beaker 50 ml
20	Beaker 100 ml
21	Beaker 150 ml
22	Beaker 250 ml
23	Beaker 500 ml
24	Beaker 1000 ml
25	Hooked lipped beaker, 250 ml
26	Bottle weighing with interchangeable stopper 25 ml
27	Bottle weighing with interchangeable stopper 40 ml
28	Burette Straight with stopcock, Class A, 10 ml
29	Burette Straight with stopcock, Class A, 25 ml
30	Burette Straight with stopcock, Class A, 50 ml
31	Burette Straight with stopcock, Class A, 100 ml
32	Burette Straight with stopcock, Class B, 10 ml
33	Burette Straight with stopcock, Class B, 25 ml
34	Burette Straight with stopcock, Class B, 50 ml
35	Burette Straight with stopcock, Class B, 100 ml
36	Cylinder Graduated, 10 ml
37	Cylinder Graduated, 25 ml
38	Cylinder Graduated, 50 ml
39	Cylinder Graduated, 100 ml
40	Cylinder Graduated, 250 ml
41	Cylinder Graduated, 500 ml
42	Cylinder Graduated, 1000 ml
43	Cylinder Graduated, 2000 ml
44	Cylinder (1000 ml) with lid of aluminium alloy, brass or stainless steel of internal diameter 95 mm and internal height of 142 mm.
45	Dessicator with cover of dia 100 mm
46	Dessicator with cover of dia 150 mm
47	Dessicator with cover of dia 200 mm
48	Dishes-Evaporating Flat Bottom 80 ml
49	Dishes-Evaporating Flat Bottom 105 ml



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50	Dishes-Evaporating Flat Bottom 150 ml
51	Dishes-Evaporating Flat Bottom 250 ml
52	Dishes-Evaporating Flat Bottom 500 ml
53	Flask Iodine Determination 250 ml
54	Flask Iodine Determination 500 ml
55	Flask Volumetric, A 10 ml
56	Flask Volumetric, A 25 ml
57	Flask Volumetric, A 50 ml
58	Flask Volumetric, A 100 ml
59	Flask Volumetric, A 200 ml
60	Flask Volumetric, A 250 ml
61	Flask Volumetric, A 500 ml
62	Flask Volumetric, A 1000 ml
63	Flask Volumetric, B 10 ml
64	Flask Volumetric, B 25 ml
65	Flask Volumetric, B 50 ml
66	Flask Volumetric, B 100 ml
67	Flask Volumetric, B 200 ml
68	Flask Volumetric, B 250 ml
69	Flask Volumetric, B 500 ml
70	Flask Volumetric, B 1000 ml
71	Round Bottom Flask, 2000 ml
72	Funnel Plain 60 angle 65 mm
73	Funnel Plain 60 angle 75 mm
74	Funnel Separating, 125 ml
75	Funnel Separating, 250 ml
76	Funnel Separating, 500 ml
77	Funnel Separating, 1000 ml
78	Pipette Measuring A 1 ml
79	Pipette Measuring A 2 ml
80	Pipette Measuring A 5 ml
81	Pipette Measuring A 10 ml
82	Pipette Measuring B 1 ml
83	Pipette Measuring B 2 ml
84	Pipette Measuring B 5 ml
85	Pipette Measuring B 10 ml
86	Pipette transfer volumetric class A 5 ml
87	Pipette transfer volumetric class A 10 ml
88	Pipette transfer volumetric class A 20 m
89	Pipette transfer volumetric class A 25 ml
90	Pipette transfer volumetric class A 50 ml
91	Pipette transfer volumetric class B 5 ml
92	Pipette transfer volumetric class B 10 ml
93	Pipette transfer volumetric class B 20 m
94	Pipette transfer volumetric class B 25 ml
95	Pipette transfer volumetric class B 50 ml
96	Whatman Filter paper No. 1 size, 11 cm, 12.5 cm
97	Whatman Filter paper No. 4 size, 11 cm, 12.5 cm
98	Whatman Filter paper No. 40 size, 11 cm, 12.5 cm
99	Whatman Filter paper No. 41 size, 11 cm, 12.5 cm
100	Whatman Filter paper No. 42 size, 11 cm, 12.5 cm
101	Whatman Chromatography paper 20cm x 20cm
102	Cotton (Absorbent)
103	Cotton (Non-Absorbent)

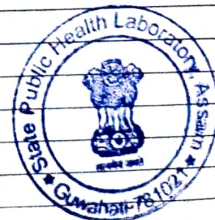


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104	Capillary Tube
105	Cover slide for Microscope
106	Spatula, stainless steel, one and spoon
107	Bunsen Burner made of Brass Pipe
108	Ordinary Filter paper 11 cm
109	Bottle reagent, narrow mouth with interchange stopper 125 ml
110	Bottle reagent, narrow mouth with interchange stopper 250 ml
111	Bottle reagent, narrow mouth with interchange stopper 500 ml
112	Bottle reagent, narrow mouth with interchange stopper 1000 ml
113	Bottle reagent, amber narrow mouth with interchange flat head stopper 125 ml
114	Bottle reagent, amber narrow mouth with interchange flat head stopper 250 ml
115	Bottle reagent, amber narrow mouth with interchange flat head stopper 500 ml
116	Readymade TLC plate
117	Water Softner –flow rate-300-1000 Lt,output regeneration 1000-1200 Lt, Dimensions 510-110,inlet outlet connection 20-20-15, shipping load 15 Kg
118	pH papers, range pH 5 to 9
119	Measuring Cylinder, 10 ml
120	Measuring Cylinder, 50 ml
121	Measuring Cylinder, 100 ml
122	Drying Rack (10, 20 and 30 pegs)
123	Weight Box- F1 and E2 standards
124	Ash Cup (Silica Crucible)-60 ml, 80 ml, 100 ml.
125	Moisture Cup
126	Moisture Apparatus (Dean & Stark)
127	Soxhlet Extractor
128	Volatile Oil Traps (Clevenger Type)
129	Burette Stand with clamp
130	China Dish
131	Conical Flask 100 ml, 150 ml
132	Corks for fitting to conical flasks
133	Weighing Bottle, 2 ml
134	Bulb Tube, 15 ml
135	Mixing Jar (Glass Stirring jar)
136	Centrifuge Tubes, 0-1 ml in 0.1 ml division
137	Centrifuge Tubes, 1-2 ml in 0.2 ml division
138	Centrifuge Tubes, 2-10 ml in 0.5 ml division
139	Centrifuge Tubes, 10-20 ml in 1 ml division
140	Centrifuge Tubes, 50 ml mark at least 1-3 cm from top of the tube
141	Thermometer 0- 60 degree calibrated to 0.5 degree C
142	UV Lamp with wavelength 366nm
143	Bottle Top Dispenser –Metal free construction for free dispensing of conc. Acids with range of volume to be dispensed- 1- 10ml, 10-50 ml & 50-100 ml
144	Micropipettes, 0.5-10 µl (Eppendorf research plus and VWR)
145	Micropipettes, 2-20 µl (Eppendorf research plus and VWR)
146	Micropipettes, 10-100 µl (Eppendorf research plus and VWR)
147	Micropipettes, 20-200 µl (Eppendorf research plus and VWR)
148	Micropipettes, 100-1000 µl (Eppendorf research plus and VWR)
149	Micropipettes, 5 ml (Eppendorf research plus and VWR)
150	Micropipettes, 10 ml (Eppendorf research plus and VWR)
151	S/S Splitless liner, single taper, deactivated, 4mm ID×6.3 mm OD×78.5 mm length, with Quartz wool, for Trace 1310
152	10 µl Syringe for TRIPLUS RSH autosampler, 57 mm length, 26 s Gauge, cone
153	Evaporating Flask, B-29, 500 ml for Roteva Rotary Vacuum Evaporator
154	Evaporating Flask, B-29, 250 ml for Roteva Rotary Vacuum Evaporator
155	Evaporating Flask, B-29, 100 ml for Roteva Rotary Vacuum Evaporator



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156	Receiving Flask,S-35,1000 ml for Roteva Rotary Vacuum Evaporator
157	Reagent bottle (Borosil),1000 ml
158	Reagent bottle (Borosil),500 ml
159	Reagent bottle (Borosil),250 ml
160	Reagent bottle (Borosil),500 ml
161	Measuring Cylinder, 100 ml
162	GC column,0.25 μ m Thickness;0.25 mm ID; 30 m Length, TG 5MS, SH-I-5MS,Rxi-5ms,DB-5, HP-5, HP-5ms,
163	GC column,0.25 μ m Thickness;0.25 mm ID; 30 m Length, TG 5SilMS, SH-I-5SilMS, DB-5MS,DB-5MS UI, Rxi-Sil 5MS,ZB-5ms,
164	Refrigerated centrifuge, with rotor 2 ml, 15 ml, 50 ml, Maximum RPM not less than 6000
165	Ultrasonic Bath for cleaning fitters, dissolving, dispersion of particles in solvents of tank capacity 5 L or more with ultrasonic power 50 Hz or more, Ultrasonic frequency 0 to 40KHz, heating temp. 1 to 100 deg. C having electronic digital timer with automatic switch on/off made of stainless steel material with accessories SS mesh baskets (2 Nos.), Perforated trays (2 Nos.), Beaker Holders (2 Nos), Test tube holder(2 Nos.) & Glass bottle holders(2 Nos.), Toolkit, cleaning accessories & spare parts.

