National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES PVT. LTD., FIRST FLOOR , SY. NO. 91/1A WARD NO. 7, JAKKUR, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- ENVIRONMENT AND POLLUTION	ETP and STP Water	Faecal Coliform	IS 1622
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food, Ready to Eat Food, Ready to Cook Food	Coliforms	IS 5401 (Part 2)
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food, Ready to Eat Food, Ready to Cook Food	Escherichia Coli	IS 5887 (Part 1)
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food, Ready to Eat Food, Ready to Cook Food	Staphylococcus Aureus	IS 5887 (Part 2)
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food, Ready to Eat Food, Ready to Cook Food	Yeast & Mould Count	IS 5403
6	BIOLOGICAL- WATER	Drinking Water	Faecal Coliform	IS 1622
7	BIOLOGICAL- WATER	Drinking Water	Faecal Streptococci	IS 1622
8	BIOLOGICAL- WATER	Drinking Water	Standard Plate Count	IS 1622
9	BIOLOGICAL- WATER	Drinking Water	Staphylococcus Aureus	IS 5887 (Part 2)
10	BIOLOGICAL- WATER	Drinking Water	Total Coliform	IS 1622
11	BIOLOGICAL- WATER	Drinking Water	Yeast and Mould	IS 5403
12	BIOLOGICAL- WATER	Ground Water/ Surface Water	Escherichia Coli	IS 1622
13	BIOLOGICAL- WATER	Ground Water/ Surface water	Faecal coliforms	IS 1622
14	BIOLOGICAL- WATER	Ground Water/ Surface Water	Faecal Streptococci	IS 1622
15	BIOLOGICAL- WATER	Ground Water/ Surface water	Standard Plate Count	IS 1622
16	BIOLOGICAL- WATER	Ground Water/ Surface Water	Staphylococcus Aureus	IS 5887 (Part 2)
17	BIOLOGICAL- WATER	Ground Water/ Surface water	Total Coliform	IS 1622
18	BIOLOGICAL- WATER	Ground Water/ Surface Water	Yeast and Mould Count	IS 5403
19	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliform	IS 1622
20	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Escherichia Coli	IS 1622
21	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Faecal Streptococci	IS 1622
22	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Staphylococcus Aureus	IS 5887 (Part 2)
23	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Yeast and Mould Count	IS 5403

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24	BIOLOGICAL- WATER	Swimming Pool Water	Standard Plate Count	IS 3328
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	IS 5182 (Part 25)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide as CO	ELPL- Blr/ 7.2/SOP/ AAQ/03
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen as NO2	IS 5182 (Part 6)
28	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone as O3	ELPL-Blr/7.2/SOP/AAQ/02
29	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particular Matter (Particle size less than 10 microns) (PM 10)	IS 5182 (Part 23)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (Particle size less that 2.5 microns) (PM 2.5)	IS 5182 (Part 24)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (Part 2)
32	CHEMICAL- ATMOSPHERIC POLLUTION	Light Illumination	Illumination-Light intensity	IS 3646 (Part 1)
33	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level	Noise Level	IS 9989
34	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide as CO2	IS 13270
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide as CO	IS 13270
36	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Emission Rate	IS 11255 (Part 1)
37	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Discharge Rate	IS 3025 (Part 3)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen as NOx	IS 11255 (Part 7)
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen as O2	IS 13270
40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS 11255 (Part 2)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS 11255 (Part 3)

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43	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Velocity	IS 3025 (Part 3)
44	CHEMICAL- ORES & MINERALS	Dolomite	Alumina as Al2O3	IS 1760 (Part 3)
45	CHEMICAL- ORES & MINERALS	Dolomite	Calcium as CaO	IS 1760 (Part 3)
46	CHEMICAL- ORES & MINERALS	Dolomite	Ferric Oxide as Fe2O3	IS 1760 (Part 3)
47	CHEMICAL- ORES & MINERALS	Dolomite	Loss Of Ignition as LOI	IS 1760 (Part 1)
48	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium as MgO	IS 1760 (Part 3)
49	CHEMICAL- ORES & MINERALS	Dolomite	Silica as SiO2	IS 1760 (Part 2)
50	CHEMICAL- ORES & MINERALS	Iron Ores	Alumina as Al2O3	IS 1493
51	CHEMICAL- ORES & MINERALS	Iron Ores	Phosphorus as P2O5	IS 1493 (Part 1)
52	CHEMICAL- ORES & MINERALS	Iron Ores	Silica as SiO2	IS 1493 (Part 1)
53	CHEMICAL- ORES & MINERALS	Iron Ores	Total Iron as Fe	IS 1493 (Part 1)
54	CHEMICAL- ORES & MINERALS	Limestone	Alumina as Al2O3	IS 1760 (Part 3)
55	CHEMICAL- ORES & MINERALS	Limestone	Calcium as CaO	IS 1760 (Part 3)
56	CHEMICAL- ORES & MINERALS	Limestone	Ferric Oxide as Fe2O3	IS 1760 (Part 3)
57	CHEMICAL- ORES & MINERALS	Limestone	Loss Of Ignition as LOI	IS 1760 (Part 1)
58	CHEMICAL- ORES & MINERALS	Limestone	Magnesium as MgO	IS 1760 (Part 3)
59	CHEMICAL- ORES & MINERALS	Limestone	Silica as SiO2	IS 1760 (Part 2)
60	CHEMICAL- ORES & MINERALS	Manganese Ores	Alumina as Al2O3	IS 1473
61	CHEMICAL- ORES & MINERALS	Manganese Ores	Iron as Fe	IS 1473

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62	CHEMICAL- ORES & MINERALS	Manganese Ores	Manganese as Mn	IS 1473
63	CHEMICAL- ORES & MINERALS	Manganese Ores	Phosphorus as P2O5	IS 1473
64	CHEMICAL- ORES & MINERALS	Manganese Ores	Silica as SiO2	IS 1473
65	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Toxicity	Bioassay Test	IS 6582 (Part 2)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Calcium	ELPL-Blr/7.2/SOP/S/01C
67	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Magnesium	ELPL-Blr/7.2/SOP/S/02C
68	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorus as P2O5	ELPL-Blr/7.2/SOP/S/04C
69	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium as K2O	ELPL-Blr/7.2/SOP/S/05C
70	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity @25°C	IS 14767
71	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nitrogen	IS 14684
72	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	ELPL-Blr/7.2/SOP/S/03C
73	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH @25°C	IS 2720 (Part 26)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Content	IS 2720 Sec 1 (Part 2)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Wate	Residual Sodium Carbonate	IS 11624 Cl. 4.1.3
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity as CaCO3	IS 3025 (Part 22)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity as CaCO3	IS 3025 (Part 23)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen NH3	IS 3025 (Part 34) Cl. 2.5
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand, BOD (3 days)	IS 3025 (Part 44)

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81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	IS 3025 (Part 40)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand COD	IS 3025 (Part 58)
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	IS 3025 (Part 32) Cl. 2
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chlorine Residual	IS 3025 (Part 26) Cl. 6
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	IS 3025 (Part 4) Cl. 5
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity @ 25°C	IS 3025 (Part 14)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	IS 3025 (Part 46) Cl. 6
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS 3025 (Part 39) Cl. 5
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH @ 25°C	IS 3025 (Part 11)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorus	IS 3025 (Part 31) Cl. 4
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium Absorption Ratio	IS 11624 Cl. 5.1.3
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	IS 3025 (Part 45) Cl. 5
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4	IS 3025 (Part 24) Cl. 4
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide	IS 3025 (Part 29) Cl. 3
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS 3025 (Part 9)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	IS 3025 (Part 16)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	IS 3025 (Part 21)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldhal Nitrogen (TKN)	IS 3025 (Part 34) Cl. 5.3
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS 3025 (Part 17)

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100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	IS 3025 (Part 10)
101	CHEMICAL- WATER	Distilled Water	Conductivity @25°C	IS 3025 (Part 14)
102	CHEMICAL- WATER	Distilled Water	pH @25°C	IS 3025 (Part 11)
103	CHEMICAL- WATER	Distilled Water	Total Solids	IS 3025 (Part 15)
104	CHEMICAL- WATER	Distilled Water	Total Suspended Solids	APHA 23rd Edition 2540, D
105	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	IS 3025 (Part 22)
106	CHEMICAL- WATER	Drinking Water	Ammonia	IS 3025 (Part 34) Cl. 2.4
107	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3-N	APHA 23rd Edition 4500- NH3, B, C
108	CHEMICAL- WATER	Drinking Water	Bicarbonate as HCO3	APHA 23rd Edition 2320 B
109	CHEMICAL- WATER	Drinking Water	Boron as B	IS 3025 (Part 57) Cl. 6
110	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40) Cl.4
111	CHEMICAL- WATER	Drinking Water	Carbonate as CO3	APHA 23rd Edition 2320B
112	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32) Cl. 2
113	CHEMICAL- WATER	Drinking Water	Chlorine Residual	IS 3025 (Part 26) Cl. 6
114	CHEMICAL- WATER	Drinking Water	Chromium Hexavalent as Cr+6	IS 3025 (Part 52) Cl. 6
115	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4) Cl. 5
116	CHEMICAL- WATER	Drinking Water	Conductivity @ 25°C	IS 3025 (Part 14)
117	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA 23rd Edition 4500-0,C
118	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition 4500 F-B,D
119	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53) Cl. 6
120	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46) Cl. 6
121	CHEMICAL- WATER	Drinking Water	Nitrate as NO3-N	IS 3025 (Part 34) Cl. 3.3
122	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	IS 3025 (Part 34) Cl. 4
123	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
124	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA 23rd Edition 5520, D
125	CHEMICAL- WATER	Drinking Water	pH @ 25°C	IS 3025 (Part 11)
126	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24) Cl. 4
127	CHEMICAL- WATER	Drinking Water	Sulphide	IS 3025 (Part 29) Cl. 3
128	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)

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129	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
130	CHEMICAL- WATER	Drinking Water	Total dissolved Solids	IS 3025 (Part 16)
131	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21) Cl. 5
132	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
133	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	IS 3025 (Part 22)
134	CHEMICAL- WATER	Ground Water	Ammonia	IS 3025 (Part 34) Cl. 2.4
135	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34) Cl. 2.5
136	CHEMICAL- WATER	Ground Water	Bicarbonate as HCO3	APHA 23rd Edition 2320, B
137	CHEMICAL- WATER	Ground Water	Boron as B	IS 3025 (Part 57) Cl. 6
138	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (Part 40) Cl. 4
139	CHEMICAL- WATER	Ground Water	Carbonate as CO3	APHA 23rd Edition 2320,B
140	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (Part 32) Cl. 2
141	CHEMICAL- WATER	Ground Water	Chlorine Residual	IS 3025 (Part 26) Cl. 6
142	CHEMICAL- WATER	Ground Water	Chromium Hexavalent as Cr+6	IS 3025 (Part 52) Cl. 6
143	CHEMICAL- WATER	Ground Water	Colour	IS 3025 (Part 4) Cl. 5
144	CHEMICAL- WATER	Ground Water	Conductivity @ 25°C	IS 3025 (Part 14)
145	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38) Cl. 4
146	CHEMICAL- WATER	Ground Water	Fixed Solids	IS 3025 (Part 18)
147	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA 23rd Edition 4500, F
148	CHEMICAL- WATER	Ground Water	Iron ad Fe	IS 3025 (Part 53) Cl. 6
149	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (Part 46) Cl. 6
150	CHEMICAL- WATER	Ground Water	Nitrate as NO3-N	IS 3025 (Part 34) Cl. 3.3
151	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen as NO2	IS 3025 (Part 34) Cl. 4
152	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
153	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 (Part 39) Cl. 5
154	CHEMICAL- WATER	Ground Water	Percentage of Sodium	IS 3025 (Part 45)
155	CHEMICAL- WATER	Ground Water	pH @ 25°C	IS 3025 (Part 11)
156	CHEMICAL- WATER	Ground Water	Phosphorous	IS 3025 (Part 31) Cl. 4, APHA 23rd Edition 4500-P, D
157	CHEMICAL- WATER	Ground Water	Residual Sodium Carbonate	IS 11624 Cl. 5.1.4
158	CHEMICAL- WATER	Ground Water	Sodium Absorption Ratio	IS 11624 Cl. 5.1.3

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159	CHEMICAL- WATER	Ground Water	Sulphate as SO4	IS 3025 (Part 24) Cl. 4
160	CHEMICAL- WATER	Ground Water	Sulphide	IS 3025 (Part 29) Cl. 3
161	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (Part 9)
162	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
163	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part 16)
164	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 (Part 21) Cl. 5
165	CHEMICAL- WATER	Ground Water	Total Solids	IS 3025 (Part 15)
166	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (Part 17)
167	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
168	CHEMICAL- WATER	Ground Water	Volatile Solids	IS 3025 (Part 18)
169	CHEMICAL- WATER	Irrigation Water	Acidity as CaCO3	IS 3025 (Part 22)
170	CHEMICAL- WATER	Irrigation Water	Boron as B	IS 3025 (Part 57) Cl. 6
171	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	IS 3025 (Part 40) Cl. 4
172	CHEMICAL- WATER	Irrigation Water	Chloride as Cl	IS 3025 (Part 32) Cl. 2
173	CHEMICAL- WATER	Irrigation Water	Colour	IS 3025 (Part 4) Cl. 5
174	CHEMICAL- WATER	Irrigation Water	Conductivity @ 25°C	IS 3025 (Part 14)
175	CHEMICAL- WATER	Irrigation Water	Fluoride as F	APHA 23rd Edition 4500 F-B,D
176	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	IS 3025 (Part 46) Cl. 6
177	CHEMICAL- WATER	Irrigation Water	Percent Sodium	IS 11624
178	CHEMICAL- WATER	Irrigation Water	pH @25°C	IS 3025 (Part 11)
179	CHEMICAL- WATER	Irrigation Water	Potassium as K	IS 3025 (Part 45) Cl. 5
180	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate	IS 11624 Cl. 5.1.4
181	CHEMICAL- WATER	Irrigation Water	Sodium Absorption Ratio	IS 11624 Cl. 5.1.3
182	CHEMICAL- WATER	Irrigation Water	Sodium as Na	IS 3025 (Part 45) Cl. 5
183	CHEMICAL- WATER	Irrigation Water	Sulphate as SO4	IS 3025 (Part 24) Cl.4
184	CHEMICAL- WATER	Irrigation Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320, B
185	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	IS 3025 (Part 23)
186	CHEMICAL- WATER	Irrigation Water	Total Suspended Solids	IS: 3025 (Part- 17): 1984; RA
187	CHEMICAL- WATER	Irrigation Water	Turbidity	IS 3025(Part10):1984; RA
188	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025(Part5)

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189	CHEMICAL- WATER	Surface Water	% of Sodium	IS: 11624
190	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3- N	APHA 23rd Edition 4500-NH3, B, C
191	CHEMICAL- WATER	Surface Water	Bicarbonate as HCO3	APHA 23rd Edition 2320, B
192	CHEMICAL- WATER	Surface Water	Boron as B	6 of IS 3025(Part57):2005, RA
193	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part 40) Cl. 4
194	CHEMICAL- WATER	Surface water	Carbonate as CO3	APHA 23rd Edition 2320, B
195	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025 (Part 32) Cl. 2
196	CHEMICAL- WATER	Surface Water	Chlorine Residual	IS 3025 (Part 26) Cl. 6
197	CHEMICAL- WATER	Surface water	Chromium Hexavalent as Cr+6	IS 3025 (Part 52) Cl. 6
198	CHEMICAL- WATER	Surface Water	Colour	IS 3025 (Part 4) Cl. 5
199	CHEMICAL- WATER	Surface Water	Conductivity @25°C	IS 3025 (Part 14)
200	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38) Cl. 4
201	CHEMICAL- WATER	Surface Water	Fixed Solids	IS 3025 (Part 18)
202	CHEMICAL- WATER	Surface water	Fluoride as F	APHA 23rd Edition 4500-F, B, D
203	CHEMICAL- WATER	Surface Water	Iron as Fe	IS 3025 (Part 53) Cl. 6
204	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025 (Part 46) Cl. 6
205	CHEMICAL- WATER	Surface Water	Nitrate as NO3-N	IS 3025 (Part 34) Cl. 3.3
206	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as NO2- N	IS 3025 (Part 34) Cl. 4
207	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
208	CHEMICAL- WATER	Surface Water	Oil & Grease	IS 3025 (Part 39) Cl. 5
209	CHEMICAL- WATER	Surface Water	pH @ 25°C	IS 3025 (Part 11)
210	CHEMICAL- WATER	Surface Water	Phosphorous	IS 3025 (Part 31) Cl. 4
211	CHEMICAL- WATER	Surface water	Residual Sodium Carbonate	IS 11624 Cl. 5.1.4
212	CHEMICAL- WATER	Surface Water	Sodium Absorption Ratio	IS 11624 Cl. 5.1.3
213	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025 (Part 24) Cl. 4
214	CHEMICAL- WATER	Surface Water	Sulphide	IS 3025 (Part 29) Cl. 3
215	CHEMICAL- WATER	Surface Water	Temperature	IS 3025 (Part 9)
216	CHEMICAL- WATER	Surface Water	Total Acidity as CaCO3	IS 3025 (Part 22)
217	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part 16)
218	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 (Part 21) Cl. 5

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES PVT. LTD., FIRST FLOOR , SY. NO. 91/1A WARD NO. 7, JAKKUR, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10573 **Page No** 10 of 11

Validity 03/05/2022 to 02/05/2024 **Last Amended on** 20/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
219	CHEMICAL- WATER	Surface Water	Total Solids	IS 3025 (Part 15)
220	CHEMICAL- WATER	Surface Water	Volatile Solids	IS 3025 (Part 18)
221	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	IS 3025 (Part 32) Cl. 2
222	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part 18)
223	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part 18)
224	CHEMICAL- WATER	Water for construction purpose	pH @ 25 degree	IS 3025 (Part 11)
225	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO4	IS 3025 (Part 24) Cl. 4
226	CHEMICAL- WATER	Water for construction purpose	Suspended Solids	IS 3025 (Part 17)
227	CHEMICAL- WATER	Water for construction purpose	To neutralize 100 ml of sample should not require more than 25 ml of 0.02 normal H2SO4 using mixed indicator.	IS 3025 (Part 23)
228	CHEMICAL- WATER	Water for construction purpose	To neutralize 100 ml sample of water should not require more than 5 ml of 0.02 normal NaOH using Phenolphthalein as an indicator	IS 3025 (Part 22)
229	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	IS 3025 (Part 32)
230	CHEMICAL- WATER	Water for Swimming Pool	Chlorine Residual	IS 3025 (Part 26) Cl. 6
231	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 (Part 4) Cl. 5
232	CHEMICAL- WATER	Water for Swimming Pool	Iron as Fe	IS 3025 (Part 53) Cl. 6
233	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part 5)
234	CHEMICAL- WATER	Water for Swimming Pool	Oxygen absorbed in 4 hr.	IS 3025 (Part 63)
235	CHEMICAL- WATER	Water for Swimming Pool	pH @ 25°C	IS 3025 (Part 11)
236	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	IS 3025 (Part 23)
237	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10573	**Page No**	11 of 11
Validity	03/05/2022 to 02/05/2024	**Last Amended on**	20/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Light Illumination	Illumination-Light intensity	IS 3646 (Part 1)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.