National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CLEAN ENVIRO LABS, 8-8/1/F5, 1ST FLOOR, PLOT NO. 10 AND 25, SAI NAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, 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	Air Monitoring	Bacterial Count	CEL/STP/MB/LAB-01 (Issue No. 01 & Issue Date 01.02.2022)
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitoring	Coliforms	CEL/STP/MB/LAB-02 (Issue No. 01 & Issue Date 01.02.2022)
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitoring	Escherichia coli	CEL/STP/MB/LAB-03 (Issue No. 01 & Issue Date 01.02.2022)
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitoring	Listeria monocytogenes	CEL/STP/MB/LAB-07 (Issue No. 01 & Issue Date 01.02.2022)
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitoring	Salmonella	CEL/STP/MB/LAB-05 (Issue No. 01 & Issue Date 01.02.2022)
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitoring	Staphylococcus aureus	CEL/STP/MB/LAB-06 (Issue No. 01 & Issue Date 01.02.2022)
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitoring	Yeast & Mould	CEL/STP/MB/LAB-04 (Issue No. 01 & Issue Date 01.02.2022)
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Industrial Effluents / Waste Water / ETP / STP	Faecal coliform	APHA 23rd Edition, 9221-E
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Industrial Effluents / Waste Water / ETP / STP	Total Coliform (MFT)	APHA 23rd Edition, 9222-B
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring	Bacterial Count	CEL/STP/MB/LAB-01 (Issue No. 01 & Issue Date 01.02.2022)
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring	Coliforms	CEL/STP/MB/LAB-02 (Issue No. 01 & Issue Date 01.02.2022)
12	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring	Escherichia coli	CEL/STP/MB/LAB-03 (Issue No. 01 & Issue Date 01.02.2022)
13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring	Listeria monocytogenes	CEL/STP/MB/LAB-07 (Issue No. 01 & Issue Date 01.02.2022)

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14	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring	Salmonella	CEL/STP/MB/LAB-05 (Issue No. 01 & Issue Date 01.02.2022)
15	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring	Staphylococcus aureus	CEL/STP/MB/LAB-06 (Issue No. 01 & Issue Date 01.02.2022)
16	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring	Yeast & Mould	CEL/STP/MB/LAB-04 (Issue No. 01 & Issue Date 01.02.2022)
17	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	Total Coliforms	APHA 23rd Edition, 9221-B
18	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water / Effluents	Heterotrophic Plate Count (Standard Plate Count)	APHA 23rd Edition, 9215-C
19	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water and Effluent	Escherichia coli	APHA 23rd Edition, 9221-F
20	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water and Effluent	Faecal streptococci	APHA 23rd Edition, 9230-B
21	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water and Effluent	Legionella spp.	APHA 23rd Edition, 9260-J
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Foods	Bacterial Count	IS 5402
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Foods	Coliform Count	IS 5401 (Part 1)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Foods	Listeria monocytogenes	IS 14988 (Part 1)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Foods	Salmonella	IS 5887 (Part 3)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Foods	Staphylococcus aureus	IS 5887 (Part 2)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Foods	Yeast and Mould Count	IS 5403

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28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned and Processed Foods	Escherichia coli	IS 5887 (Part 1)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg / Non-Veg)	Coliform count	IS 5401 (Part 1)
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg / Non-Veg)	E. coli	IS 5887 (Part 1)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg / Non-Veg)	Listeria monocytogenes	IS 14988 (Part 1)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg / Non-Veg)	Salmonella	IS 5887 (Part 3)
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg / Non-Veg)	Staphylococcus aureus	IS 5887 (Part 2)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg / Non-Veg)	Total Bacterial Count	IS 5402
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Veg / Non-Veg)	Yeast & Mould Count	IS 5403
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Juices & its Related Products	Bacterial Count	IS 5402
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Juices & its Related Products	Coliform Count	IS 5401 (Part 1)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Juices & its Related Products	Escherichia coli	IS 5887 (Part 1)
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Juices & its Related Products	Listeria monocytogenes	IS 14988 (Part 1)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Juices & its Related Products	Salmonella	IS 5887 (Part 3)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Juices & its Related Products	Staphylococcus aureus	IS 5887 (Part 2)

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42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Juices & its Related Products	Yeast and Mould Count	IS 5403
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat	Shigella	IS 5887 (Part 7)
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Bacterial Count	IS 5402
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliform Count	IS 5401 (Part 1)
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli	IS 5887 (Part 1)
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Listeria monocytogenes	IS 14988 (Part 1)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Salmonella	IS 5887 (Part 3)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Staphylococcus aureus	IS 5887 (Part 2)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Yeast & Mould Count	IS 5403
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Bacterial Count	IS 5402
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Coliforms	IS 5401 (Part 1)
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	E. coli	IS 5887 (Part 1)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Listeria monocytogenes	IS 14988 (Part 1)
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Salmonella	IS 5887 (Part 3)

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56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Staphylococcus aureus	IS 5887 (Part 2)
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Yeast & Mould	IS 5403
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Bacterial Count	IS 5402
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Coliform Count	IS 5401 (Part 1)
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Escherichia coli	IS 5887 (Part 1)
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Listeria monocytogenes	IS 14988 (Part 1)
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Salmonella	IS 5887 (Part 3)
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Staphylococcus aureus	IS 5887 (Part 2)
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Yeast and Mould Count	IS 5403
65	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	IS 15185
66	BIOLOGICAL- WATER	Drinking Water	Legionella spp.	APHA 23rd Edition, 9260-J
67	BIOLOGICAL- WATER	Drinking Water	Salmonella	USP-45 Chapter No(62)
68	BIOLOGICAL- WATER	Drinking Water	Staphylococcus aureus	USP-45, Chapter 62
69	BIOLOGICAL- WATER	Drinking Water	Total Plate Count	IS 1622
70	BIOLOGICAL- WATER	Ground Water	Escherichia coli	IS 15185
71	BIOLOGICAL- WATER	Ground Water	Escherichia coli	IS 1622
72	BIOLOGICAL- WATER	Ground water	Faecal Coliform	IS 1622
73	BIOLOGICAL- WATER	Ground Water	Faecal streptococci	IS 1622
74	BIOLOGICAL- WATER	Ground Water	Standard Plate Count	IS 1622
75	BIOLOGICAL- WATER	Ground Water	Total Coliform	IS 1622

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76	BIOLOGICAL- WATER	Ground Water / Surface Water	Legionella spp.	APHA 23rd Edition, 9260-J
77	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast & Mould	IS 5403
78	BIOLOGICAL- WATER	Water for Industrial Purpose	Escherichia coli	IS 1622
79	BIOLOGICAL- WATER	Water for Industrial Purpose	Faecal coliform	IS 1622
80	BIOLOGICAL- WATER	Water for Industrial Purpose	Faecal streptococci	IS 1622
81	BIOLOGICAL- WATER	Water for Industrial Purpose	Legionella spp.	APHA 23rd Edition, 9260-J
82	BIOLOGICAL- WATER	Water for Industrial Purpose	Standard Plate Count	IS 1622
83	BIOLOGICAL- WATER	Water for Industrial Purpose	Total Coliform	IS 1622
84	BIOLOGICAL- WATER	Water for Medicinal Purposes	Bacterial Endotoxin Test	International Pharmacopoeia (IP) 7th Edition (3.4) / CEL/STP/MB/LAB-01 (Issue No. 1 and Issue Date: 01.02.2022)
85	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182 (Part 25)
86	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide	IS 5182 (Part 6)
87	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size Less Than 10µm) or PM 10	IS 5182 (Part 23)
88	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size Less Than 2.5 µm) or PM 2.5	IS 5182 (Part 24)
89	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
90	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient / Work Zone Noise Level	IS 9989
91	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Dioxide	IS 11255 (Part 7)
92	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
93	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (as SO2)	IS 11255 (Part 2)
94	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS 11255 (Part 3, Clause No. 6)
95	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission / Gaseous Pollutants Excluding Vehicular	Flue Gas Velocity	IS 11255 (Part 3, Clause No. 5)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Potassium as K	CEL/STP/S/LAB-03 (Issue No. 01 and Issue Date 01.02.2022)

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97	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium as Na	CEL/STP/S/LAB-03 (Issue No. 01 and Issue Date 01.02.2022)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Available Calcium as Ca	CEL/STP/S/LAB-01 (Issue No. 01 and Issue Date 01.02.2021)
99	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Available Magnesium as Mg	CEL/STP/S/LAB-02 (Issue No. 01 and Issue Date 01.02.2022)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Available Phosphorous	CEL/STP/S/LAB-03 (Issue No. 01 and Issue Date 01.02.2022)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Electrical Conductivity	IS 14767
102	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Nitrogen	IS 14684 (Sl. No. 3)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Organic Carbon	IS 2720 (Part 22)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Organic Matter	IS 2720 (Part 22)
105	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	pH	IS 2720 (Part 26)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Soluble Chlorides	CEL/STP/S/LAB-04 (Issue No. 01 and Issue Date 01.02.2022)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Soluble Sulphate as SO4-2	IS 2720 (Part 27)
108	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Water Content	IS 2720 (Part 2)
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity (as CaCO3)	APHA 23rd Edition, 2310-B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammoniacal Nitrogen (as N)	APHA 23rd Edition, 4500 NH3-B,C
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio Chemical Oxygen Demand (3 days at 27 °C)	IS 3025 (Part 44)
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron (as B)	IS 3025 (Part 57)
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium (as Ca)	APHA 23rd Edition, 3500 Ca-B
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220-B
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorides (as Cl-)	APHA 23rd Edition, 4500 Cl--B

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116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity at 25 °C	APHA 23rd Edition, 2510-B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition, 4500 O-C
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition, 4500-C
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solids	APHA 23rd Edition, 2540-E
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride as F-	APHA 23rd Edition, 4500 F- D
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	APHA 23rd Edition, 3500 -Fe-B
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 23rd Edition, 3500-B
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite Nitrogen as N	APHA 23rd Edition, 4500-NO2-B
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen (organic) as N	APHA 23rd Edition, 4500-N-(Org)-B-1
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edition, 5520-B
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH at 25 °C	APHA 23rd Edition, 4500-H+ B
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorous as P	APHA 23rd Edition, 4500-P-C
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	IS 3025 (Part 45)
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine as Cl	APHA 23rd Edition, 4500-Cl-B
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica as SiO2	APHA 23rd Edition, 4500-C-SiO2
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	IS 3025 (Part 45)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4-2	APHA 23rd Edition, 4500-SO4-2-D
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition, 2550-B
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity as CaCO3	APHA 23rd Edition, 2320-B

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135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Edition, 2540-C
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340-C
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids @ 103-105 °C	APHA 23rd Edition, 2540-B
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids 103-105 °C	APHA 23rd Edition, 2540-D
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids	APHA 23rd Edition, 2540-E
140	CHEMICAL- WATER	Construction Water	Total Suspended Solids	APHA 23rd Edition, 2540-D
141	CHEMICAL- WATER	Construction Water	Acidity (as CaCO3)	APHA 23rd Edition, 2310-B
142	CHEMICAL- WATER	Construction Water	Alkalinity (as CaCO3)	APHA 23rd Edition, 2320-B
143	CHEMICAL- WATER	Construction Water	Chloride (as Cl)	APHA 23rd Edition, 4500 Cl-B
144	CHEMICAL- WATER	Construction Water	pH	APHA 23rd Edition, 4500 H+-B
145	CHEMICAL- WATER	Construction Water	Sulphate (as SO4)	APHA 23rd Edition, 4500 SO4-E
146	CHEMICAL- WATER	Construction Water	Total Fixed Solids	APHA 23rd Edition, 2540-E
147	CHEMICAL- WATER	Construction Water	Total Volatile Solids	APHA 23rd Edition, 2540-E
148	CHEMICAL- WATER	Drinking Water	Acidity (as CaCO3)	APHA 23rd Edition, 2310-B
149	CHEMICAL- WATER	Drinking Water	Ammoniacal Nitrogen (as N)	APHA 23rd Edition, 4500 NH3-B
150	CHEMICAL- WATER	Drinking Water	Biochemical Oxygen Demand (3 days @ 27 °C)	IS 3025 (Part 44)
151	CHEMICAL- WATER	Drinking Water	Boron (as B)	APHA 23rd Edition, 4500-B-B
152	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	APHA 23rd Edition, 3500 Ca-B
153	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220-B
154	CHEMICAL- WATER	Drinking Water	Chlorides (as Cl-)	APHA 23rd Edition, 4500-B
155	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition, 2120-C
156	CHEMICAL- WATER	Drinking Water	Conductivity @ 25 °C	APHA 23rd Edition, 2510-B
157	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA 23rd Edition, 4500 O-C
158	CHEMICAL- WATER	Drinking Water	Fluorides (as F-)	APHA 23rd Edition, 4500 F--D
159	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	APHA 23rd Edition, 3500 Fe-B
160	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	APHA 23rd Edition, 3500 Mg-B
161	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen (as N)	APHA 23rd Edition, 4500 NO2-B

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162	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA 23rd Edition, 5520-B
163	CHEMICAL- WATER	Drinking Water	pH @ 25 °C	APHA 23rd Edition, 4500 H+-B
164	CHEMICAL- WATER	Drinking Water	Phosphorous (as PO4)	APHA 23rd Edition, 4500-P-C
165	CHEMICAL- WATER	Drinking Water	Potassium (as K)	IS 3025 (Part 45)
166	CHEMICAL- WATER	Drinking Water	Residual Chlorine (as Cl)	APHA 23rd Edition, 4500-Cl-B
167	CHEMICAL- WATER	Drinking Water	Silica (as SiO2)	APHA 23rd Edition, 4500 SiO2-C
168	CHEMICAL- WATER	Drinking Water	Sodium (as Na)	IS 3025 (Part 45)
169	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4-2)	APHA 23rd Edition, 4500 SO4-2-E
170	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition, 2550-B
171	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition, 2320-B
172	CHEMICAL- WATER	Drinking Water	Total Dissolved Dolids @ 180 °C	APHA 23rd Edition, 2540-C
173	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	APHA 23rd Edition, 2340-C
174	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition, 2130-B
175	CHEMICAL- WATER	Ground Water	Potassium (as K)	IS 3025 (Part 45)
176	CHEMICAL- WATER	Ground Water	Sodium (as Na)	IS 3025 (Part 45)
177	CHEMICAL- WATER	Ground Water / Bore Well Water	Acidity (as CaCO3)	APHA 23rd Edition, 2310-B
178	CHEMICAL- WATER	Ground Water / Bore Well Water	Ammoniacal Nitrogen (as N)	APHA 23rd Edition, 4500 NH3-B,C
179	CHEMICAL- WATER	Ground Water / Bore Well Water	Bio-chemical Oxygen Demand (3 days @ 27 °C)	IS 3025 (Part 44)
180	CHEMICAL- WATER	Ground Water / Bore Well Water	Boron (as B)	APHA 23rd Edition, 4500 B-B
181	CHEMICAL- WATER	Ground Water / Bore Well Water	Calcium (as Ca)	APHA 23rd Edition, 3500 Ca-B
182	CHEMICAL- WATER	Ground Water / Bore Well Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220-B
183	CHEMICAL- WATER	Ground Water / Bore Well Water	Chlorides (as Cl-)	APHA 23rd Edition, 4500 Cl--B
184	CHEMICAL- WATER	Ground Water / Bore Well Water	Colour	APHA 23rd Edition, 2120-C
185	CHEMICAL- WATER	Ground Water / Bore Well Water	Conductivity @ 25 °C	APHA 23rd Edition, 2510-B
186	CHEMICAL- WATER	Ground Water / Bore Well Water	Dissolved Oxygen	APHA 23rd Edition, 4500 O-C
187	CHEMICAL- WATER	Ground Water / Bore Well Water	Fluorides (as F-)	APHA 23rd Edition, 4500 F--D
188	CHEMICAL- WATER	Ground Water / Bore Well Water	Iron (as Fe)	APHA 23rd Edition, 3500 Fe-B

SCOPE OF ACCREDITATION

Laboratory Name : CLEAN ENVIRO LABS, 8-8/1/F5, 1ST FLOOR, PLOT NO. 10 AND 25, SAI NAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11434 **Page No** 11 of 12

Validity 14/03/2023 to 13/03/2025 **Last Amended on** -

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
189	CHEMICAL- WATER	Ground Water / Bore Well Water	Magnesium (as Mg)	APHA 23rd Edition, 3500 Mg-B
190	CHEMICAL- WATER	Ground Water / Bore Well Water	Nitrite (as NO2)	APHA 23rd Edition, 4500 NO2-B
191	CHEMICAL- WATER	Ground Water / Bore Well Water	Oil & Grease	APHA 23rd Edition, 5520-B
192	CHEMICAL- WATER	Ground Water / Bore Well Water	pH @ 25 °C	APHA 23rd Edition, 4500 H+-B
193	CHEMICAL- WATER	Ground Water / Bore Well Water	Phosphorous (as PO4)	APHA 23rd Edition, 4500 P-C
194	CHEMICAL- WATER	Ground Water / Bore Well Water	Residual Chlorine (as Cl)	APHA 23rd Edition, 4500 Cl-B
195	CHEMICAL- WATER	Ground Water / Bore Well Water	Silica (as SiO2)	APHA 23rd Edition, 4500 SiO2-C
196	CHEMICAL- WATER	Ground Water / Bore Well Water	Sulphate (as SO4-2)	APHA 23rd Edition, 4500 SO4-2-E
197	CHEMICAL- WATER	Ground Water / Bore Well Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition, 2320-B
198	CHEMICAL- WATER	Ground Water / Bore Well Water	Total Dissolved Solids	APHA 23rd Edition, 2540 C
199	CHEMICAL- WATER	Ground Water / Bore Well Water	Total Hardness (as CaCO3)	APHA 23rd Edition, 2340-C
200	CHEMICAL- WATER	Ground Water / Bore Well Water	Turbidity	APHA 23rd Edition, 2130-B
201	CHEMICAL- WATER	Irrigation Water	Calcium (as Ca)	APHA 23rd Edition, 3500 Ca-B
202	CHEMICAL- WATER	Irrigation Water	Carbonates (as CaCO3)	IS 3025 (Part 51)
203	CHEMICAL- WATER	Irrigation Water	Chlorides (as Cl-)	APHA 23rd Edition, 4500 Cl--B
204	CHEMICAL- WATER	Irrigation Water	Conductivity	APHA 23rd Edition, 2510-B
205	CHEMICAL- WATER	Irrigation Water	Magnesium (as Mg)	APHA 23rd Edition, 3500 Mg-B
206	CHEMICAL- WATER	Irrigation Water	pH	APHA 23rd Edition, 4500 H+-B
207	CHEMICAL- WATER	Irrigation Water	Sulphates (as SO4)	APHA 23rd Edition, 4500 SO4-E
208	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids @ 180 °C	APHA 23rd Edition, 2540-C
209	CHEMICAL- WATER	Surface Water	Acidity (as CaCO3)	APHA 23rd Edition, 2310-B
210	CHEMICAL- WATER	Surface Water	Ammoniacal Nitrogen (as N)	APHA 23rd Edition, 4500 NH3-B-C
211	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (3 days @ 27 °C)	IS 3025 (Part 44)
212	CHEMICAL- WATER	Surface Water	Boron (as B)	APHA 23rd Edition, 4500 B-B
213	CHEMICAL- WATER	Surface Water	Calcium (as Ca)	APHA 23rd Edition, 3500 Ca-B
214	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220-B
215	CHEMICAL- WATER	Surface Water	Chlorides (as Cl-)	APHA 23rd Edition, 4500 Cl--B

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11434	**Page No**	12 of 12
Validity	14/03/2023 to 13/03/2025	**Last Amended on**	-

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
216	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Edition, 2120-C
217	CHEMICAL- WATER	Surface Water	Conductivity @ 25 °C	APHA 23rd Edition, 2510-B
218	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition, 4500-C
219	CHEMICAL- WATER	Surface Water	Fluorides (as F-)	APHA 23rd Edition, 4500 F--D
220	CHEMICAL- WATER	Surface Water	Iron (as Fe)	APHA 23rd Edition, 3500 Fe-B
221	CHEMICAL- WATER	Surface water	Magnesium (as Mg)	APHA 23rd Edition, 3500 Mg-B
222	CHEMICAL- WATER	Surface Water	Nitrite (as NO2)	APHA 23rd Edition, 4500 NO2-B
223	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition, 5520-B
224	CHEMICAL- WATER	Surface Water	pH @ 25 °C	APHA 23rd Edition, 4500 H+-B
225	CHEMICAL- WATER	Surface Water	Phosphorous (as PO4)	APHA 23rd Edition, 4500 P-C
226	CHEMICAL- WATER	Surface Water	Potassium (as K)	IS 3025 (Part 45)
227	CHEMICAL- WATER	Surface water	Residual Chlorine (as Cl)	APHA 23rd Edition, 4500 Cl-B
228	CHEMICAL- WATER	Surface Water	Silica (as SiO2)	APHA 23rd Edition, 4500 SiO2-C
229	CHEMICAL- WATER	Surface Water	Sodium (as Na)	IS 3025 (Part 45)
230	CHEMICAL- WATER	Surface Water	Sulphates (as SO4-2)	APHA 23rd Edition, 4500 SO4-2-E
231	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition, 2550-B
232	CHEMICAL- WATER	Surface water	Total Alkalinity (as CaCO3)	APHA 23rd Edition, 2320-B
233	CHEMICAL- WATER	Surface Water	Total Dissolved Solids @ 180 °C	APHA 23rd Edition, 2540-C
234	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCO3)	APHA 23rd Edition, 2340-C
235	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition, 2130-B

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.