National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AWE CARE PRIVATE LIMITED - ANALYTICAL & RESEARCH LABORATORIES, 22/1, FIRST FLOOR, AGRI NAGAR, ERODE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11441 **Page No** 1 of 11

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
Permanent Facility				
1	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34)
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Biological Oxygen Demand (3 Days @ 27°C)	IS 3025 (Part 44)
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Calcium as Ca	APHA 23rd Edition 3500 Ca B
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Chloride as Cl-	APHA 23rd Edition 4500 Cl B
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Color	APHA 23rd Edition 2120 B
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Dissolved Oxygen	IS 3025 (Part 38)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Fixed Solids @ 550°C	APHA 23rd Edition 2540 E
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Fluoride as F-	APHA 23rd Edition 4500 F- D
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Manganese as Mn	APHA 23rd Edition 3500 Mn B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Nitrate Nitrogen as NO3	IS 3025 (Part 34)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Nitrite Nitrogen as NO2	IS 3025 (Part 34)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Oil and Grease	APHA 23rd Edition 5520 B

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	pH Value @25°C	APHA 23rd Edition 4500 H+ B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Phenolphthalein Alkalinity as CaCO3	APHA 23rd Edition 2320 B
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Potassium as K	APHA 23rd Edition 3500 K B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Sodium as Na	APHA 23rd Edition 3500 Na B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Sulphate as (SO4)2-	APHA 23rd Edition 4500 (SO4)2- E
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Sulphite as (SO3)2-	APHA 23rd Edition 4500 (SO3)2-B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Acidity as CaCO3	APHA 23rd Edition 2310 B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Iron as Fe	APHA 23rd Edition 3500 Fe B
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Phosphate as PO4	APHA 23rd Edition 4500 P D
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Solids @103-105°C	APHA 23rd Edition 2540 B
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Total Suspended Solids @103-105°C	APHA 23rd Edition 2540 D
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Turbidity	APHA 23rd Edition 2130 B
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent and Sewage)	Volatile Solids @550°C	APHA 23rd Edition 2540 E
37	CHEMICAL- WATER	Construction Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
38	CHEMICAL- WATER	Construction Water	Inorganic Solids	APHA 23rd Edition 2540 B & E

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39	CHEMICAL- WATER	Construction Water	Organic Solids	APHA 23rd Edition 2540 B & E
40	CHEMICAL- WATER	Construction Water	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B
41	CHEMICAL- WATER	Construction Water	Sulphate as (SO4)2-	APHA 23rd Edition 4500 (SO4)2- E
42	CHEMICAL- WATER	Construction Water	Suspended Solids @ 103-105°C	APHA 23rd Edition 2540 D
43	CHEMICAL- WATER	Construction Water	To Neutralize 100 ml Sample of Water using Mixed Indicator with 0.02N H2SO4	APHA 23rd Edition 2320 B
44	CHEMICAL- WATER	Construction Water	To Neutralize 100 ml Sample of Water using Phenopthalein as an Indicator with 0.02N NaOH	APHA 23rd Edition 2310 B
45	CHEMICAL- WATER	Swimming Pool Water	pH Value @ 25°C	APHA 23rd Edition 2012 4500 H+ B
46	CHEMICAL- WATER	Boiler Water	Caustic Alkalinity	APHA 23rd Edition 2320 B
47	CHEMICAL- WATER	Boiler Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
48	CHEMICAL- WATER	Boiler Water	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
49	CHEMICAL- WATER	Boiler Water	Oxygen Consumed in 4 hrs	IS 3025 (Part 63)
50	CHEMICAL- WATER	Boiler Water	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B
51	CHEMICAL- WATER	Boiler Water	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
52	CHEMICAL- WATER	Boiler Water	Sulphite	APHA 23rd Edition 4500 SO32- B
53	CHEMICAL- WATER	Boiler Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
54	CHEMICAL- WATER	Boiler Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
55	CHEMICAL- WATER	Boiler Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
56	CHEMICAL- WATER	Boiler Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe B
57	CHEMICAL- WATER	Boiler Water	Total Phosphate as PO4	APHA 23rd Edition 4500 P D
58	CHEMICAL- WATER	Boiler Water	Total Suspended Solids @ 103-105°C	APHA 23rd Edition 2540 D
59	CHEMICAL- WATER	Condensate Water	Caustic Alkalinity	APHA 23rd Edition 2320 B
60	CHEMICAL- WATER	Condensate Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
61	CHEMICAL- WATER	Condensate Water	Dissolved Oxygen	IS 3025 (Part 38)
62	CHEMICAL- WATER	Condensate Water	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
63	CHEMICAL- WATER	Condensate Water	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B
64	CHEMICAL- WATER	Condensate Water	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C

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65	CHEMICAL- WATER	Condensate Water	Sulphite	APHA 23rd Edition 4500 (SO3)2- B
66	CHEMICAL- WATER	Condensate Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
67	CHEMICAL- WATER	Condensate Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
68	CHEMICAL- WATER	Condensate Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
69	CHEMICAL- WATER	Condensate Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe B
70	CHEMICAL- WATER	Condensate Water	Total Phosphate as PO4	APHA 23rd Edition 4500 P D
71	CHEMICAL- WATER	Condensate Water	Total Solids @ 103-105°C	APHA 23rd Edition 2540 B
72	CHEMICAL- WATER	Condensate Water	Total Suspended Solids 103-105°C	APHA 23rd Edition 2540 D
73	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34)
74	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
75	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
76	CHEMICAL- WATER	Drinking Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
77	CHEMICAL- WATER	Drinking Water	Color	APHA 23rd Edition 2120 B
78	CHEMICAL- WATER	Drinking Water	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
79	CHEMICAL- WATER	Drinking Water	Fluoride as F-	APHA 23rd Edition 4500 F- D
80	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
81	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
82	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
83	CHEMICAL- WATER	Drinking Water	Manganese as Mn	APHA 23rd Edition 3500 Mn B
84	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen as NO3	IS 3025 (Part 34)
85	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen as NO2	IS 3025 (Part 34)
86	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
87	CHEMICAL- WATER	Drinking Water	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B
88	CHEMICAL- WATER	Drinking Water	Phenolphthalein Alkalinity as CaCO3	APHA 23rd Edition 2320 B
89	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA 23rd Edition 3500 K B
90	CHEMICAL- WATER	Drinking Water	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
91	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA 23rd Edition 3500 Na B

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92	CHEMICAL- WATER	Drinking Water	Sulphate as (SO4)2-	APHA 23rd Edition 4500 (SO4)2- E
93	CHEMICAL- WATER	Drinking Water	Sulphide as H2S	APHA 23rd Edition 4500 S2 F
94	CHEMICAL- WATER	Drinking Water	Sulphite as (SO3)2-	APHA 23rd Edition 4500 (SO3)2- B
95	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
96	CHEMICAL- WATER	Drinking Water	Total Acidity	APHA 23rd Edition 2310 B
97	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
98	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
99	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
100	CHEMICAL- WATER	Drinking Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe B
101	CHEMICAL- WATER	Drinking Water	Total Phosphate as PO4	APHA 23rd Edition 4500 P D
102	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B
103	CHEMICAL- WATER	Feed Water	Caustic Alkalinity	APHA 23rd Edition 2320 B
104	CHEMICAL- WATER	Feed Water	Chloride as Cl	APHA 23rd Edition 4500 Cl- B
105	CHEMICAL- WATER	Feed Water	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
106	CHEMICAL- WATER	Feed Water	Oxygen Consumed in 4 hrs	IS 3025 (Part 63)
107	CHEMICAL- WATER	Feed Water	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B
108	CHEMICAL- WATER	Feed Water	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
109	CHEMICAL- WATER	Feed Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
110	CHEMICAL- WATER	Feed Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
111	CHEMICAL- WATER	Feed Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
112	CHEMICAL- WATER	Feed Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe B
113	CHEMICAL- WATER	Feed Water	Total Phosphate as PO4	APHA 23rd Edition 4500 P D
114	CHEMICAL- WATER	Feed Water	Total Solids @ 103-105°C	APHA 23rd Edition 2540 B
115	CHEMICAL- WATER	Feed Water	Total Suspended Solids @ 103-105°C	APHA 23rd Edition 2540 D
116	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34)
117	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
118	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
119	CHEMICAL- WATER	Ground Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
120	CHEMICAL- WATER	Ground Water	Color	APHA 23rd Edition 2120 B

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121	CHEMICAL- WATER	Ground Water	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
122	CHEMICAL- WATER	Ground Water	Fluoride as F-	APHA 23rd Edition 4500 F- D
123	CHEMICAL- WATER	Ground Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
124	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
125	CHEMICAL- WATER	Ground Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
126	CHEMICAL- WATER	Ground Water	Manganese as Mn	APHA 23rd Edition 3500 B
127	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen as NO3	IS 3025(Part 34)
128	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen as NO2	IS 3025 (Part 34)
129	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
130	CHEMICAL- WATER	Ground Water	Oil and Grease	APHA 23rd Edition 5520 B
131	CHEMICAL- WATER	Ground Water	pH Value @ 25°C	APHA 23rd Edition, 4500 H+ B
132	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity as CaCO3	APHA 23rd Edition 2320 B
133	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 23rd Edition 3500 K B
134	CHEMICAL- WATER	Ground Water	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
135	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA 23rd Edition 3500 Na B
136	CHEMICAL- WATER	Ground Water	Sulphate as (SO4)2-	APHA 23rd Edition 4500 (SO4)2- E
137	CHEMICAL- WATER	Ground Water	Sulphite as (SO3)2-	APHA 23rd Edition 4500 (SO3)2- B
138	CHEMICAL- WATER	Ground Water	Total Acidity as CaCO3	APHA 23rd Edition 2310 B
139	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
140	CHEMICAL- WATER	Ground Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
141	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
142	CHEMICAL- WATER	Ground Water	Total Iron as Fe	APHA 23rd Edition 3500-Fe B
143	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
144	CHEMICAL- WATER	Ground Water	Total Phosphate as PO4	APHA 23rd Edition 4500 P D
145	CHEMICAL- WATER	Ground Water	Total Solids @103-105°C	APHA 23rd Edition 2540 B
146	CHEMICAL- WATER	Ground Water	Total Suspended Solids @ 103-105°C	APHA 23rd Edition 2540 D
147	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition 2130 B

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148	CHEMICAL- WATER	Industrial Water	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34)
149	CHEMICAL- WATER	Industrial Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
150	CHEMICAL- WATER	Industrial Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
151	CHEMICAL- WATER	Industrial Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
152	CHEMICAL- WATER	Industrial Water	Color	APHA 23rd Edition 2120 B
153	CHEMICAL- WATER	Industrial Water	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
154	CHEMICAL- WATER	Industrial Water	Fluoride as F-	APHA 23rd Edition 4500 F- D
155	CHEMICAL- WATER	Industrial Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
156	CHEMICAL- WATER	Industrial Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
157	CHEMICAL- WATER	Industrial Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
158	CHEMICAL- WATER	Industrial Water	Manganese as Mn	APHA 23rd Edition 3500 Mn B
159	CHEMICAL- WATER	Industrial Water	Nitrate Nitrogen as NO3	IS 3025(Part 34)
160	CHEMICAL- WATER	Industrial Water	Nitrite Nitrogen as NO2	IS 3025 (Part 34)
161	CHEMICAL- WATER	Industrial Water	Oil and Grease	APHA 23rd Edition 5520 B
162	CHEMICAL- WATER	Industrial Water	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B
163	CHEMICAL- WATER	Industrial Water	Phenolphthalein Alkalinity as CaCO3	APHA 23rd Edition 2320 B
164	CHEMICAL- WATER	Industrial Water	Potassium as K	APHA 23rd Edition 3500 K B
165	CHEMICAL- WATER	Industrial Water	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
166	CHEMICAL- WATER	Industrial Water	Sodium as Na	APHA 23rd Edition 3500 Na B
167	CHEMICAL- WATER	Industrial Water	Sulphate as (SO4)2-	APHA 23rd Edition 4500 (SO4)2- E
168	CHEMICAL- WATER	Industrial Water	Sulphite as (SO3)2-	APHA 23rd Edition 4500 (SO3)2- B
169	CHEMICAL- WATER	Industrial Water	Total Acidity as CaCO3	APHA 23rd Edition 2310 B
170	CHEMICAL- WATER	Industrial Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
171	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
172	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
173	CHEMICAL- WATER	Industrial Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe B
174	CHEMICAL- WATER	Industrial Water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
175	CHEMICAL- WATER	Industrial Water	Total Phosphate as PO4	APHA 23rd Edition 4500 P D

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176	CHEMICAL- WATER	Industrial Water	Total Solids @ 103-105°C	APHA 23rd Edition 2540 B
177	CHEMICAL- WATER	Industrial Water	Total Suspended Solids @ 103-105°C	APHA 23rd Edition 2540 D
178	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 23rd Edition 2130 B
179	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
180	CHEMICAL- WATER	Packaged Drinking Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
181	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
182	CHEMICAL- WATER	Packaged Drinking Water	Colour	APHA 23rd Edition 2120 B
183	CHEMICAL- WATER	Packaged Drinking Water	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
184	CHEMICAL- WATER	Packaged Drinking Water	Fluoride as F-	APHA 23rd Edition 4500 F D
185	CHEMICAL- WATER	Packaged Drinking Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
186	CHEMICAL- WATER	Packaged Drinking Water	Iron as Fe	APHA 23rd Edition 3500 Fe B
187	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
188	CHEMICAL- WATER	Packaged Drinking Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
189	CHEMICAL- WATER	Packaged Drinking Water	Manganese as Mn	APHA 23rd Edition 3500 Mn B
190	CHEMICAL- WATER	Packaged Drinking Water	Nitrate Nitrogen as NO3	IS 3025 (Part 34)
191	CHEMICAL- WATER	Packaged Drinking Water	Nitrite Nitrogen as NO2	IS 3025 (Part 34)
192	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
193	CHEMICAL- WATER	Packaged Drinking Water	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B
194	CHEMICAL- WATER	Packaged Drinking Water	Potassium as K	APHA 23rd Edition 3500 K B
195	CHEMICAL- WATER	Packaged Drinking Water	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C,D
196	CHEMICAL- WATER	Packaged Drinking Water	Sodium as Na	APHA 23rd Edition 3500 Na B
197	CHEMICAL- WATER	Packaged Drinking Water	Sulphate as (SO4)2-	APHA 23rd Edition 4500 (SO4)2- E
198	CHEMICAL- WATER	Packaged Drinking Water	Sulphite as (SO3)2-	APHA 23rd Edition 4500 (SO3)2- B
199	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025 (Part 8)
200	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
201	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
202	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C

SCOPE OF ACCREDITATION

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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
203	CHEMICAL- WATER	Packaged Drinking Water	Total Phosphate as PO4	APHA 23rd Edition 4500 P D
204	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	APHA 23rd Edition 2130 B
205	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34)
206	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand (3 Days @ 27°C)	IS 3025 (Part 44)
207	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
208	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
209	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
210	CHEMICAL- WATER	Surface Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
211	CHEMICAL- WATER	Surface Water	Color	APHA 23rd Edition 2120 B
212	CHEMICAL- WATER	Surface Water	Electrical Conductivity @ 25°C	APHA 23rd Edition 2510 B
213	CHEMICAL- WATER	Surface Water	Fluoride as F-	APHA 23rd Edition 4500 F- D
214	CHEMICAL- WATER	Surface Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
215	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
216	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3	APHA 23nd Edition 3500 Mg B
217	CHEMICAL- WATER	Surface Water	Manganese as Mn	APHA 23rd Edition 3500 Mn B
218	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen as NO3	IS 3025 (Part 34)
219	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as NO2	IS 3025 (Part 34)
220	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
221	CHEMICAL- WATER	Surface Water	Oil and Grease	APHA 23rd Edition 5520 B
222	CHEMICAL- WATER	Surface Water	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B
223	CHEMICAL- WATER	Surface Water	Phenolphthalein Alkalinity as CaCO3	APHA 23rd Edition 2320 B
224	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23rd Edition 3500 K B
225	CHEMICAL- WATER	Surface Water	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
226	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Edition 3500 Na B
227	CHEMICAL- WATER	Surface Water	Sulphate as (SO4)2-	APHA 23rd Edition 4500 (SO4)2- E
228	CHEMICAL- WATER	Surface Water	Sulphite as (SO3)2-	APHA 23rd Edition 4500 (SO3)2- B
229	CHEMICAL- WATER	Surface Water	Total Acidity as CaCO3	APHA 23rd Edition 2310 B

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230	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
231	CHEMICAL- WATER	Surface Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
232	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
233	CHEMICAL- WATER	Surface Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe B
234	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
235	CHEMICAL- WATER	Surface Water	Total Phosphate as PO4	APHA 23rd Edition 4500 P D
236	CHEMICAL- WATER	Surface Water	Total Solids @ 103-105°C	APHA 23rd Edition 2540 B
237	CHEMICAL- WATER	Surface Water	Total Suspended Solids @ 103-105 °C	APHA 23rd Edition 2540 D
238	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition 2130 B
239	CHEMICAL- WATER	Swimming Pool Water	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
240	CHEMICAL- WATER	Swimming Pool Water	Color	APHA 23rd Edition 2120 B
241	CHEMICAL- WATER	Swimming Pool Water	Free Residual Chlorine as Cl-	APHA 23rd Edition 4500 Cl B
242	CHEMICAL- WATER	Swimming Pool Water	Odour	IS 3025 (Part 5)
243	CHEMICAL- WATER	Swimming Pool Water	Oxygen Observed in 4 hrs	IS 3025 (Part 63)
244	CHEMICAL- WATER	Swimming Pool Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
245	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids @ 180°C	APHA 23rd Edition 2540 C
246	CHEMICAL- WATER	Swimming Pool Water	Total iron as Fe	APHA 23rd Edition 3500 Fe B
247	CHEMICAL- WATER	Swimming Pool Water	Turbidity	APHA 23rd Edition 2130 B
248	CHEMICAL- WATER	Water for Processed Food Industry	Calcium as Ca	APHA 23rd Edition 3500 Ca B
249	CHEMICAL- WATER	Water for Processed Food Industry	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
250	CHEMICAL- WATER	Water for Processed Food Industry	Chloride as Cl-	APHA 23rd Edition 4500 Cl- B
251	CHEMICAL- WATER	Water for Processed Food Industry	Color	APHA 23rd Edition 2120 B
252	CHEMICAL- WATER	Water for Processed Food Industry	Fluoride as F-	APHA 23rd Edition 4500 F D
253	CHEMICAL- WATER	Water for Processed Food Industry	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
254	CHEMICAL- WATER	Water for Processed Food Industry	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
255	CHEMICAL- WATER	Water for Processed Food Industry	Manganese as Mn	APHA 23rd Edition 3500 B
256	CHEMICAL- WATER	Water for Processed Food Industry	Nitrate Nitrogen as NO3	IS 3025 (Part 34)
257	CHEMICAL- WATER	Water for Processed Food Industry	Odour	IS 3025 (Part 5)
258	CHEMICAL- WATER	Water for Processed Food Industry	pH Value @ 25°C	APHA 23rd Edition 4500 H+ B

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259	CHEMICAL- WATER	Water for Processed Food Industry	Sulphate as (SO4)2-	APHA 23rd Edition 4500 (SO4)2- E
260	CHEMICAL- WATER	Water for Processed Food Industry	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
261	CHEMICAL- WATER	Water for Processed Food Industry	Total Iron as Fe	APHA 23rd Edition 3500 Fe B
262	CHEMICAL- WATER	Water for Processed Food Industry	Total Solids @ 103-105°C	APHA 23rd Edition 2540 B
263	CHEMICAL- WATER	Water for Processed Food Industry	Turbidity	APHA 23rd Edition 2130B

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.