National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ADN LABORATORIES PRIVATE LIMITED, 59/4A, ANNAI NAGAR, PONDICHERRY, PUDUCHERRY, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 15/02/2022 to 14/02/2024 **Last Amended on** 28/05/2023

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 (Environmental Air monitoring)	Coliform by Agar Plate Exposure method	ADN-BIO-SOP-A-01
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air (Environmental Air monitoring)	E. coli by Agar Plate Exposure method	ADN-BIO-SOP-A-01
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air (Environmental Air monitoring)	Total Plate Count by Agar Plate Exposure method	ADN-BIO-SOP-A-01
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents / Waste Water	Coliform by MPN	APHA 23rd Edition : 9221 B
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents / Waste Water	E. coli by MPN	APHA 23rd Edition : 9221 F
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents / Waste Water	Faecal Coliform by MPN	APHA 23rd Edition : 9221 E
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Swab	Coliform by surface swab method	ADN-BIO-SOP-S-01
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Swab	E. coli by surface swab method	ADN-BIO-SOP-S-01
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface swab	Total Plate Count by surface swab method	ADN-BIO-SOP-S-01
10	BIOLOGICAL- WATER	Drinking Water / Water Purifiers	Coliform by membrane filtration method	IS 15185
11	BIOLOGICAL- WATER	Drinking Water / Water Purifiers	Coliform by MPN	IS 1622
12	BIOLOGICAL- WATER	Drinking Water / Water Purifiers	E. coli	IS 1622
13	BIOLOGICAL- WATER	Drinking Water / Water Purifiers	E. coli by membrane filtration method	IS 15185
14	BIOLOGICAL- WATER	Drinking Water / Water Purifiers	Faecal Coliform	IS 1622
15	BIOLOGICAL- WATER	Food Processing Water	Coliform	IS 1622
16	BIOLOGICAL- WATER	Food Processing Water	Standard Plate Count	IS 1622
17	BIOLOGICAL- WATER	Ground Water / Surface Water	Coliform	IS 1622

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18	BIOLOGICAL- WATER	Ground Water / Surface Water	E.coli	IS 1622
19	BIOLOGICAL- WATER	Ground Water / Surface Water	Faecal Coliform	IS 1622
20	BIOLOGICAL- WATER	Ground Water / Surface Water	Total Plate Count	IS 1622
21	BIOLOGICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Coliform by membrane filtration method	IS 15185
22	BIOLOGICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	E.coli by membrane filtration method	IS 15185
23	BIOLOGICAL- WATER	Swimming Pool Water	Coliform	IS 1622
24	BIOLOGICAL- WATER	Swimming Pool Water	Standard Plate Count	IS 3328
25	BIOLOGICAL- WATER	Water for Ice Manufacture	Coliform	IS 1622
26	BIOLOGICAL- WATER	Water for Ice Manufacture	Standard Plate Count	IS 1622
27	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Ammoniacal Nitrogen as N	IS 3025 (Part 34)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Ammoniacal Nitrogen as N (APHA Method)	APHA 23rd Edition : 4500 NH3 B, C
29	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Appearance (APHA Method)	APHA 23rd Edition : 2110
30	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Bicarbonate Alkalinity as HCO3	IS 3025 (Part 23)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Bicarbonate Alkalinity as HCO3 (APHA Method)	APHA 23rd Edition : 2320 B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Biochemical Oxygen Demand (BOD) @ 20°C for 5 days	APHA 23rd Edition : 5210 B
33	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS 3025 (Part 44)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Boron as B	APHA 23rd Edition : 4500 B B
35	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Calcium as Ca	IS 3025 (Part 40)
36	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Calcium as Ca (APHA Method)	APHA 23rd Edition : 3500 Ca B
37	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Calcium Hardness as CaCO3	IS 3025 (Part 40)
38	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Calcium Hardness as CaCO3 (APHA Method)	APHA 23rd Edition : 3500 Ca B

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39	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Carbonate Alkalinity as CO3	IS 3025 (Part 23)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Carbonate Alkalinity as CO3 (APHA Method)	APHA 23rd Edition : 2320 B
41	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Chloride as Cl	IS 3025 (Part 32)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Chloride as Cl (APHA Method)	APHA 23rd Edition : 4500 Cl B
44	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Colour	IS 3025 (Part 4)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Colour (APHA Method)	APHA 23rd Edition : 2120 B
46	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Conductivity	IS 3025 (Part 14)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Conductivity (APHA Method)	APHA 23rd Edition : 2510 B
48	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Dissolved Oxygen (DO) (APHA Method)	APHA 23rd Edition: 4500 O C
50	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Dissolved Phosphorous as P	IS 3025 (Part 31)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Dissolved Phosphorous as P (APHA Method)	APHA 23rd Edition : 4500 P D
52	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Fluoride as F	APHA 23rd Edition : 4500 F B,D
53	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Free Ammonia as NH3	IS 3025 (Part 34)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Hexavalent Chromium as Cr6+	APHA 23rd Edition : 3500 Cr B
55	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Iron as Fe	IS:3025 (Part 53)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Iron as Fe (APHA Method)	APHA 23rd Edition : 3500 Fe B
57	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Magnesium as Mg	IS 3025 (Part 46)

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58	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Magnesium as Mg (APHA Method)	APHA 23rd Edition : 3500 Mg B
59	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Magnesium Hardness as CaCO3	IS 3025 (Part 46)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Magnesium Hardness as CaCO3 (APHA Method)	APHA 23rd Edition : 3500 Mg B
61	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Mixed Liquor Fixed Suspended Solids (MLFSS)	IS 3025 (Part 18)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Mixed Liquor Fixed Suspended Solids (MLFSS) (APHA Method)	APHA 23rd Edition : 2540 E
63	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Mixed Liquor Suspended Solids (MLSS)	IS 3025 (Part 17)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Mixed Liquor Suspended Solids (MLSS) (APHA Method)	APHA 23rd Edition : 2540 D
65	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Mixed Liquor Volatile Suspended Solids (MLVSS)	IS 3025 (Part 18)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Mixed Liquor Volatile Suspended Solids (MLVSS) (APHA Method)	APHA 23rd Edition : 2540 E
67	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Nitrate as NO3	IS 3025 (Part 34)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Nitrate as NO3 (APHA Method)	APHA 23rd Edition : 4500 NO3 B
69	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Nitrite as NO2	IS 3025 (Part 34)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Nitrite as NO2 (APHA Method)	APHA 23rd Edition : 4500 NO2 B
71	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Odour	IS 3025 (Part 5)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Oil and Grease	IS 3025 (Part 39)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Oil and Grease (APHA Method)	APHA 23rd Edition : 5520 B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Oxygen Absorbed in 4 hrs @ 27°C	IS 3025 (Part 63)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Particle Size of Suspended Solids	ADN/CHE/SOP-E-50

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76	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Percent Sodium	ADN/CHE/SOP-E-51
77	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	pH	IS 3025 (Part 11)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	pH (APHA Method)	APHA 23rd Edition : 4500 H+ B
79	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Phenolic Compounds as C6H5OH	IS 3025 (Part 43)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Phenolic Compounds as C6H5OH (APHA Method)	APHA 23rd Edition : 5530 B, C
81	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Phenolphthalein Alkalinity as CaCO3	IS 3025 (Part 23)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Phenolphthalein Alkalinity as CaCO3 (APHA Method)	APHA 23rd Edition : 2320 B
83	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Potassium as K	IS 3025 (Part 45)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Potassium as K (APHA Method)	APHA 23rd Edition : 3500 K B
85	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Residual Sodium Carbonate	IS 11624
86	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Sodium Absorption Ratio (SAR)	IS 11624
87	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Sodium as Na	IS 3025 (Part 45)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Sodium as Na (APHA Method)	APHA 23rd Edition : 3500 Na B
89	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Sulphate as SO4	IS 3025 (Part 24)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Sulphide as S	APHA 23rd Edition : 4500 S F
91	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Temperature	IS 3025 (Part 9)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Temperature (APHA Method)	APHA 23rd Edition : 2550 B
93	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Acidity as CaCO3	IS 3025 (Part 22)
94	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Acidity as CaCO3 (APHA Method)	APHA 23rd Edition : 2310 B

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95	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Alkalinity as CaCO3 (APHA Method)	APHA 23rd Edition : 2320 B
97	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Dissolved Solids (TDS) (APHA Method)	APHA 23rd Edition : 2540 C
99	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Hardness as CaCO3	IS 3025 (Part 21)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Hardness as CaCO3 (APHA Method)	APHA 23rd Edition : 2340 C
101	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Kjeldhal Nitrogen as N	IS 3025 (Part 34)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Kjeldhal Nitrogen as N (APHA Method)	APHA 23rd Edition : 4500 Norg B
103	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Phosphorous as P	IS 3025 (Part 31)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Phosphorous as P (APHA Method)	APHA 23rd Edition : 4500 P B, D
105	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Residual Chlorine	IS 3025 (Part 26)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Residual Chlorine (APHA Method)	APHA 23rd Edition : 4500 Cl B
107	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Suspended Solids (TSS) (APHA Method)	APHA 23rd Edition : 2540 D
108	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Total Suspended Solids (TSS)	IS 3025 (Part 17)
109	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Turbidity	IS 3025 (Part 10)
110	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage / Treated Water	Turbidity (APHA Method)	APHA 23rd Edition : 2130 B
111	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid/Slurry/Sludge/Solid/Semi-Solid	Electrical Conductivity	IS 14767
112	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid/Slurry/Sludge/Solid/Semi-Solid	Kjeldhal Nitrogen as N	IS 10158
113	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid/Slurry/Sludge/Solid/Semi-Solid	pH	IS 10158

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114	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid/Slurry/Sludge/Solid/Semi-Solid	Total Potassium as K2O	USEPA 3050B
115	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid/Slurry/Sludge/Solid/Semi-Solid	Water Content (Moisture) %	IS 15106
116	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Available Phosphorous	ADN/CHE/SOP-S-01
117	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Available Potassium as K	ADN/CHE/SOP-S-02
118	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Available Potassium as K (FAO Method)	ADN/CHE/SOP-S-03
119	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Cation Exchange Capacity (CEC)	IS 2720 (Part 24)
120	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Cation Exchange Capacity (CEC) (FAO Method)	ADN/CHE/SOP-S-05
121	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Electrical Conductivity	IS 14767
122	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Exchangeable Calcium and Magnesium (as Ca and Mg)	ADN/CHE/SOP-S-07
123	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Exchangeable Calcium as Ca	ADN/CHE/SOP-S-08
124	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Exchangeable Magnesium as Mg	ADN/CHE/SOP-S-09
125	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Exchangeable Potassium as K	ADN/CHE/SOP-S-10
126	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Exchangeable Sodium as Na	ADN/CHE/SOP-S-11
127	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Organic Carbon	ADN/CHE/SOP-S-12
128	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Organic Carbon (IS 2720 Method)	IS: 2720 (Part 22)
129	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Organic Matter	ADN/CHE/SOP-S-14
130	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Organic Matter (IS 2720 Method)	IS 2720 (Part 22)
131	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	pH	IS 2720 (Part 26)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Soil Texture	ADN/CHE/SOP-S-17

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133	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Total Nitrogen in Ammonical form %	IS 14684
134	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Total Soluble Solids	IS 2720 (Part 21)
135	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Water Content (Moisture) % (IS 15106 Method)	IS 15106
136	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Water Content (Moisture) % (IS 2720 Part 2 Method)	IS 2720 (Part 2)
137	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Ammonia (Total Ammonia as N)	IS 3025 (Part 34)
138	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Appearance	APHA 23rd Edition : 2110
139	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Bicarbonate Alkalinity as HCO3	IS 3025 (Part 23)
140	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Boron as B	APHA 23rd Edition : 4500 B B
141	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Calcium as Ca	IS 3025 (Part 40)
142	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Calcium Hardness as CaCO3	IS 3025 (Part 40)
143	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Chloramines as Cl2	IS 3025 (Part 26)
144	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Chloride as Cl	IS 3025 (Part 32)
145	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Chlorine, Residual	IS 3025 (Part 26)
146	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Colour	IS 3025 (Part 4)
147	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Conductivity	IS 3025 (Part 14)
148	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Fluoride as F	APHA 23rd Edition : 4500 F B,D
149	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
150	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Iron as Fe	IS:3025 (Part 53)
151	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Magnesium as Mg	IS 3025 (Part 46)

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152	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Nitrate as NO3 (APHA Method)	APHA 23rd Edition : 4500 NO3, B
153	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Nitrite as NO2	IS 3025 (Part 34)
154	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Odour	IS 3025 (Part 5)
155	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	pH	IS 3025 (Part 11)
156	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Phenolic Compounds as C6H5OH	IS 3025 (Part 43)
157	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Phenolphthalein Alkalinity as CaCO3	IS 3025 (Part 23)
158	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Potassium as K	IS 3025 (Part 45)
159	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Silica as SiO2	IS 3025 (Part 35)
160	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Sodium Absorption Ratio (SAR)	IS 11624
161	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Sodium as Na	IS 3025 (Part 45)
162	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Sulphate as SO4	IS 3025 (Part 24)
163	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Taste	IS 3025 (Part 8)
164	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Temperature	IS 3025 (Part 9)
165	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Total Acidity as CaCO3	IS 3025 (Part 22)
166	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Total Alkalinity as CaCO3	IS 3025 (Part 23)
167	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
168	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Total Hardness as CaCO3	IS 3025 (Part 21)
169	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Total Solids	IS 3025 (Part 15)
170	CHEMICAL- WATER	Drinking Water / Potable Water / RO Water / Water from Purifiers	Turbidity	IS 3025 (Part 10)

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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
171	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Ammonia as NH3	IS 3025 (Part 34)
172	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Chloride as Cl	IS 3025 (Part 32)
173	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Conductivity	IS 3025 (Part 14)
174	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
175	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Oil and Grease	IS 3025 (Part 39)
176	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Oxygen Absorbed in 4 hrs @ 27°C	IS 3025 (Part 63)
177	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	pH	IS 3025 (Part 11)
178	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Phenolphthalein Alkalinity as CaCO3	IS 3025 (Part 23)
179	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Phosphate as PO4	IS 3025 (Part 31)
180	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Phosphorous as P	IS 3025 (Part31)
181	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Silica as SiO2	IS 3025 (Part 35)
182	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Sodium as Na	IS 3025 (Part 45)
183	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
184	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
185	CHEMICAL- WATER	Feed Water / Boiler Water / Condensate Water	Total Hardness as CaCO3	IS 3025 (Part 21)
186	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Ammonia (Total Ammonia as N)	IS 3025 (Part 34)
187	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Appearance	APHA 23rd Edition : 2110
188	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Bicarbonate Alkalinity as HCO3	IS 3025 (Part 23)
189	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Boron as B	APHA 23rd Edition : 4500 B B
190	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Calcium as Ca	IS 3025 (Part 40)
191	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Calcium Hardness as CaCO3	IS 3025 (Part 40)
192	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Carbonate Alkalinity as CO3	IS 3025 (Part 23)
193	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Chloramines as Cl2	IS 3025 (Part 26)
194	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Chloride as Cl	IS 3025 (Part 32)
195	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Chlorine, Residual	IS 3025 (Part 26)
196	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Colour	IS 3025 (Part 4)
197	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Conductivity	IS 3025 (Part 14)
198	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Fluoride as F	APHA 23rd Edition : 4500 F B,D
199	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)

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200	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Iron as Fe	IS:3025 (Part 53)
201	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Magnesium as Mg	IS 3025 (Part 46)
202	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Nitrate as NO3 (APHA Method)	APHA 23rd Edition : 4500 NO3, B
203	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Nitrite as NO2	IS 3025 (Part 34)
204	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Odour	IS 3025 (Part 5)
205	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	pH	IS 3025 (Part 11)
206	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Phenolic Compounds as C6H5OH	IS 3025 (Part 43)
207	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Phenolphthalein Alkalinity as CaCO3	IS 3025 (Part 23)
208	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Potassium as K	IS 3025 (Part 45)
209	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Silica as SiO2	IS 3025 (Part 35)
210	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Sodium as Na	IS 3025 (Part 45)
211	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Sulphate as SO4	IS 3025 (Part 24)
212	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Total Acidity as CaCO3	IS 3025 (Part 22)
213	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
214	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
215	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Total Hardness as CaCO3	IS 3025 (Part 21)
216	CHEMICAL- WATER	Ground Water / Borewell Water / Aquifer Water	Turbidity	IS 3025 (Part 10)
217	CHEMICAL- WATER	Irrigation Water	Appearance	APHA 23rd Edition : 2110
218	CHEMICAL- WATER	Irrigation Water	Bicarbonate Alkalinity as HCO3	IS 3025 (Part 23)
219	CHEMICAL- WATER	Irrigation Water	Boron as B	APHA 23rd Edition : 4500 B B
220	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	IS 3025 (Part 40)
221	CHEMICAL- WATER	Irrigation Water	Carbonate Alkalinity as CO3	IS 3025 (Part 23)
222	CHEMICAL- WATER	Irrigation Water	Chloride as Cl	IS 3025 (Part 32)
223	CHEMICAL- WATER	Irrigation Water	Chlorine, Residual	IS 3025 (Part 26)
224	CHEMICAL- WATER	Irrigation Water	Colour	IS 3025 (Part 4)
225	CHEMICAL- WATER	Irrigation Water	Conductivity	IS 3025 (Part 14)
226	CHEMICAL- WATER	Irrigation Water	Iron as Fe	IS:3025 (Part 53)
227	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	IS 3025 (Part 46)

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228	CHEMICAL- WATER	Irrigation Water	Nitrate as NO3 (APHA Method)	APHA 23rd Edition : 4500 NO3, B
229	CHEMICAL- WATER	Irrigation Water	Nitrite as NO2	IS 3025 (Part 34)
230	CHEMICAL- WATER	Irrigation Water	Odour	IS 3025 (Part 5)
231	CHEMICAL- WATER	Irrigation Water	pH	IS 3025 (Part 11)
232	CHEMICAL- WATER	Irrigation Water	Phenolic Compounds as C6H5OH	IS 3025 (Part 43)
233	CHEMICAL- WATER	Irrigation Water	Potassium as K	IS 3025 (Part 45)
234	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate	IS 11624
235	CHEMICAL- WATER	Irrigation Water	Sodium Absorption Ratio (SAR)	IS 11624
236	CHEMICAL- WATER	Irrigation Water	Sodium as Na	IS 3025 (Part 45)
237	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	IS 3025 (Part 21)
238	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Ammonia (Total Ammonia as N)	IS 3025 (Part 34)
239	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Appearance	APHA 23rd Edition : 2110
240	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Biochemical Oxygen Demand (BOD) @ 20°C for 5 days	APHA 23rd Edition : 5210 B
241	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS 3025 (Part 44)
242	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Boron as B	APHA 23rd Edition : 4500 B D
243	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Calcium as Ca	IS 3025 (Part 40)
244	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Calcium Hardness as CaCO3	IS 3025 (Part 40)
245	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
246	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Chloramines as Cl2	IS 3025 (Part 26)
247	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Chloride as Cl	IS 3025 (Part 32)
248	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Chlorine, Residual	IS 3025 (Part 26)
249	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Colour	IS 3025 (Part 4)
250	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Conductivity	IS 3025 (Part 14)
251	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
252	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Fluoride as F	APHA 23rd Edition : 4500 F B,D
253	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
254	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Iron as Fe	IS:3025 (Part 53)

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255	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Magnesium as Mg	IS 3025 (Part 46)
256	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Nitrate as NO3 (APHA Method)	APHA 23rd Edition : 4500 NO3, B
257	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Nitrite as NO2	IS 3025 (Part 34)
258	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Odour	IS 3025 (Part 5)
259	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	pH	IS 3025 (Part 11)
260	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Phenolic Compounds as C6H5OH	IS 3025 (Part 43)
261	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Phenolphthalein Alkalinity as CaCO3	IS 3025 (Part 23)
262	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Potassium as K	IS 3025 (Part 45)
263	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Silica as SiO2	IS 3025 (Part 35)
264	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Sodium as Na	IS 3025 (Part 45)
265	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Sulphate as SO4	IS 3025 (Part 24)
266	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Total Acidity as CaCO3	IS 3025 (Part 22)
267	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
268	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
269	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Total Hardness as CaCO3	IS 3025 (Part 21)
270	CHEMICAL- WATER	Lake Water / Pond Water / Reservoir Water / River Water	Turbidity	IS 3025 (Part 10)
271	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Bicarbonate Alkalinity as HCO3	IS 3025 (Part 23)
272	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Calcium as Ca	IS 3025 (Part 40)
273	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Chloride as Cl	IS 3025 (Part 32)
274	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Chlorine, Residual	IS 3025 (Part 26)
275	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Colour	IS 3025 (Part 4)
276	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Fluoride as F	APHA 23rd Edition : 4500 F B, D
277	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Iron as Fe	IS:3025 (Part 53)
278	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Magnesium as Mg	IS 3025 (Part 46)
279	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Nitrate as NO3	IS 3025 (Part 34)
280	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Nitrite as NO2	IS 3025 (Part 34)
281	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Odour	IS 3025 (Part 5)
282	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	pH	IS 3025 (Part 11)

National Accreditation Board for Testing and Calibration Laboratories

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283	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Phenolic Compounds as C6H5OH	IS 3025 (Part 43)
284	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Sodium as Na	IS 3025 (Part 45)
285	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Sulphate as SO4	IS 3025 (Part 24)
286	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Taste	IS 3025 (Part 8)
287	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Temperature	IS 3025 (Part 9)
288	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
289	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Total Hardness as CaCO3	IS 3025 (Part 21)
290	CHEMICAL- WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Turbidity	IS 3025 (Part 10)
291	CHEMICAL- WATER	Reagent Grade Water	Colour Retention of KMnO4	IS 1070 (Annex A)
292	CHEMICAL- WATER	Reagent Grade Water	Conductivity	IS 3025 (Part 14)
293	CHEMICAL- WATER	Reagent Grade Water	pH	IS 3025 (Part 11)
294	CHEMICAL- WATER	Reagent Grade Water	Silica as SiO2	IS 3025 (Part 35)
295	CHEMICAL- WATER	Reagent Grade Water	Total Solids	IS 3025 (Part 15)
296	CHEMICAL- WATER	Sea Water	Appearance	APHA 23rd Edition : 2110
297	CHEMICAL- WATER	Sea Water	Boron as B	APHA 23rd Edition : 4500 B B
298	CHEMICAL- WATER	Sea Water	Calcium as Ca	IS 3025 (Part 40)
299	CHEMICAL- WATER	Sea Water	Chloride as Cl	IS 3025 (Part 32)
300	CHEMICAL- WATER	Sea Water	Colour	IS 3025 (Part 4)
301	CHEMICAL- WATER	Sea Water	Conductivity	IS 3025 (Part 14)
302	CHEMICAL- WATER	Sea Water	Fluoride as F	APHA 23rd Edition : 4500 F B,D
303	CHEMICAL- WATER	Sea Water	Iron as Fe	IS:3025 (Part 53)
304	CHEMICAL- WATER	Sea Water	Magnesium as Mg	IS 3025 (Part 46)
305	CHEMICAL- WATER	Sea Water	Nitrate as NO3 (APHA Method)	APHA 23rd Edition : 4500 NO3, B
306	CHEMICAL- WATER	Sea Water	Nitrite as NO2	IS 3025 (Part 34)
307	CHEMICAL- WATER	Sea Water	pH	IS 3025 (Part 11)
308	CHEMICAL- WATER	Sea Water	Potassium as K	IS 3025 (Part 45)
309	CHEMICAL- WATER	Sea Water	Silica as SiO2	IS 3025 (Part 35)
310	CHEMICAL- WATER	Sea Water	Sodium as Na	IS 3025 (Part 45)
311	CHEMICAL- WATER	Sea Water	Sulphate as SO4	IS 3025 (Part 24)

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312	CHEMICAL- WATER	Sea Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
313	CHEMICAL- WATER	Sea Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
314	CHEMICAL- WATER	Sea Water	Total Hardness as CaCO3	IS 3025 (Part 21)
315	CHEMICAL- WATER	Sea Water	Turbidity	IS 3025 (Part 10)
316	CHEMICAL- WATER	Water for Construction	Chloride as Cl	IS 3025 (Part 32)
317	CHEMICAL- WATER	Water for Construction	Inorganic Solids	IS 3025 (Part 18)
318	CHEMICAL- WATER	Water for Construction	Organic Solids	IS 3025 (Part 18)
319	CHEMICAL- WATER	Water for Construction	pH	IS 3025 (Part 11)
320	CHEMICAL- WATER	Water for Construction	Sulphate as SO3	IS 3025 (Part 24)
321	CHEMICAL- WATER	Water for Construction	Sulphate as SO4	IS 3025 (Part 24)
322	CHEMICAL- WATER	Water for Construction	To neutralize 100 ml of sample water using Mixed Indicator using 0.02 N H2SO4	IS 3025 (Part 23)
323	CHEMICAL- WATER	Water for Construction	To neutralize 100 ml of sample water using Phenolphthalein as an indicator using 0.02N NaOH	IS 3025 (Part 22)
324	CHEMICAL- WATER	Water for Construction	Total Suspended Solids (TSS)	IS 3025 (Part 17)
325	CHEMICAL- WATER	Water for Storage Batteries	Chloride as Cl	IS 3025 (Part 32)
326	CHEMICAL- WATER	Water for Storage Batteries	Conductivity	IS 3025 (Part 14)
327	CHEMICAL- WATER	Water for Storage Batteries	Non-Volatile Residue	IS 1069 (A-2)
328	CHEMICAL- WATER	Water for Storage Batteries	Oxidizable Matter	IS 1069 (Annex A-3)
329	CHEMICAL- WATER	Water for Storage Batteries	pH	IS 3025 (Part 11)
330	CHEMICAL- WATER	Water for Storage Batteries	Total Acidity as CaCO3	IS 3025 (Part 22)
331	CHEMICAL- WATER	Water for Storage Batteries	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
332	CHEMICAL- WATER	Water for Storage Batteries	Total Hardness as CaCO3	IS 3025 (Part 21)
333	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Chloride as Cl	IS 3025 (Part 32)
334	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Colour	IS 3025 (Part 4)
335	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Iron as Fe	IS:3025 (Part 53)
336	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Odour	IS 3025 (Part 5)
337	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Oxygen Absorbed in 4 hrs @ 27°C	IS 3025 (Part 63)
338	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	pH	IS 3025 (Part 11)

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339	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Taste	IS 3025 (Part 8)
340	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Total Alkalinity as CaCO3	IS 3025 (Part 23)
341	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
342	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Total Residual Chlorine	IS 3025 (Part 26)
343	CHEMICAL- WATER	Water for Swimming Pool / Spa / Water Park	Turbidity	IS 3025 (Part 10)
344	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Calcium as Ca	IS 3025 (Part 40)
345	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Chloride as Cl	IS 3025 (Part 32)
346	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Colour	IS 3025 (Part 4)
347	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Fluoride as F	APHA 23rd Edition : 4500 F B,D
348	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
349	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Iron as Fe	IS:3025 (Part 53)
350	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Magnesium as Mg	IS 3025 (Part 46)
351	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Nitrate as NO3 (APHA Method)	APHA 23rd Edition : 4500 NO3 B
352	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Odour	IS 3025 (Part 5)
353	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	pH	IS 3025 (Part 11)
354	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Phenolic Compounds as C6H5OH	IS 3025 (Part 43)
355	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Sulphate as SO4	IS 3025 (Part 24)
356	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Total Hardness as CaCO3	IS 3025 (Part 21)
357	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Total Solids	IS 3025 (Part 15)
358	CHEMICAL- WATER	Water used in Food Processing Industry / Water for Ice Manufacturing	Turbidity	IS 3025 (Part 10)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the

SCOPE OF ACCREDITATION

Laboratory Name :	ADN LABORATORIES PRIVATE LIMITED, 59/4A, ANNAI NAGAR, PONDICHERRY, PUDUCHERRY, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10318	**Page No**	17 of 17
Validity	15/02/2022 to 14/02/2024	**Last Amended on**	28/05/2023

specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.