



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

THE INSTITUTE OF HEALTH SYSTEMS - LABORATORY, SIVANANDA REHABILITATION HOME CAMPUS, KUKATPALLY, NH-65, HYDERABAD, MEDCHAL-MALKAJIRI DISTRICT, TELANGANA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

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Validity

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Last Amended on

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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 Testing				
1	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Wastewater	E. coli	IS 1622
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Wastewater	MPN (E. coli) by Multiple Tube Dilution method	IS 1622
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Wastewater	MPN (Thermotolerant Coliforms by Multiple Tube Dilution method)	IS 1622
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Wastewater	MPN (Total coliforms by Multiple Tube Dilution method)	IS 1622
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Wastewater	Thermotolerant Coliforms	IS 1622
6	BIOLOGICAL- WATER	Drinking water	E.coli	9223 B, APHA 24th edition
7	BIOLOGICAL- WATER	Drinking water	Heterotrophic Plate Count at 30° C	IS 5402
8	BIOLOGICAL- WATER	Drinking water	Standard Plate Count at 37° C	IS 1622
9	BIOLOGICAL- WATER	Drinking water	Total coliform	9223 B, APHA 24th edition
10	BIOLOGICAL- WATER	Ground water / surface water	E. coli	IS 1622
11	BIOLOGICAL- WATER	Ground water / Surface water	E.coli	9223 B, APHA 24th edition
12	BIOLOGICAL- WATER	Ground water / surface water	Heterotrophic Plate Count at 30° C	IS 5402
13	BIOLOGICAL- WATER	Ground water / surface water	MPN (E. coli) by Multiple Tube Dilution method.	IS 1622
14	BIOLOGICAL- WATER	Ground water / surface water	MPN (Thermotolerant coliforms by Multiple Tube Dilution method)	IS 1622



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15	BIOLOGICAL- WATER	Ground water / surface water	MPN (Total Coliforms by Multiple Tube Dilution method)	IS 1622
16	BIOLOGICAL- WATER	Ground water / surface water	Standard Plate Count at 37° C	IS 1622
17	BIOLOGICAL- WATER	Ground water / surface water	Thermotolerant Coliforms	IS 1622
18	BIOLOGICAL- WATER	Ground water / Surface water	Total coliform	9223 B, APHA 24th edition
19	BIOLOGICAL- WATER	Irrigation water	E.coli	IS 1622
20	BIOLOGICAL- WATER	Irrigation water	Heterotrophic Plate Count at 30° C	IS 5402
21	BIOLOGICAL- WATER	Irrigation water	MPN (E. Coli) by Multiple Tube Dilution method.	IS 1622
22	BIOLOGICAL- WATER	Irrigation water	MPN (Thermotolerant coliforms by Multiple Tube Dilution method)	IS 1622
23	BIOLOGICAL- WATER	Irrigation water	MPN (Total Coliforms by Multiple Tube Dilution method)	IS 1622
24	BIOLOGICAL- WATER	Irrigation water	Standard Plate Count at 37° C	IS 1622
25	BIOLOGICAL- WATER	Irrigation water	Thermotolerant Coliforms	IS 1622
26	BIOLOGICAL- WATER	Purified water	Aerobic Microbial count at 37° C for 24 hrs.	IS 5402 RW 14543
27	BIOLOGICAL- WATER	Purified water	Cold Plate Count at 22° C at 72 hrs	IS 5402 RW 14543
28	BIOLOGICAL- WATER	Purified water	E. coli	IS 15185
29	BIOLOGICAL- WATER	Purified water	P. aeruginosa	IS 13428
30	BIOLOGICAL- WATER	Purified water	Salmonella	IS 15187
31	BIOLOGICAL- WATER	Purified water	Staphylococcus aureus	IS 5887 Part 2
32	BIOLOGICAL- WATER	Purified water	Yeast and mould	IS 5403
33	BIOLOGICAL- WATER	Swimming pool water	E.coli	IS 1622



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34	BIOLOGICAL- WATER	Swimming pool water	Heterotrophic Plate Count at 30° C	IS 5402
35	BIOLOGICAL- WATER	Swimming pool water	MPN (E. Coli) by Multiple Tube Dilution method.	IS 1622
36	BIOLOGICAL- WATER	Swimming pool water	MPN (Thermotolerant coliforms by Multiple Tube Dilution method)	IS 1622
37	BIOLOGICAL- WATER	Swimming pool water	MPN (Total Coliforms by Multiple Tube Dilution method)	IS 1622
38	BIOLOGICAL- WATER	Swimming pool water	Standard Plate Count at 37° C	IS 1622
39	BIOLOGICAL- WATER	Swimming pool water	Thermotolerant Coliforms	IS 1622
40	BIOLOGICAL- WATER	Water for Medicinal Purposes	Total Viable Count	IS 23500 (Part 3)
41	BIOLOGICAL- WATER	Water for processed food industry	E.coli	IS 1622
42	BIOLOGICAL- WATER	Water for processed food industry	Heterotrophic Plate Count at 30° C	IS 5402
43	BIOLOGICAL- WATER	Water for processed food industry	MPN (E.coli) by Multiple Tube Dilution method.	IS 1622
44	BIOLOGICAL- WATER	Water for processed food industry	MPN (Thermotolerant coliforms by Multiple Tube Dilution method)	IS 1622
45	BIOLOGICAL- WATER	Water for processed food industry	MPN (Total Coliforms by Multiple Tube Dilution method)	IS 1622
46	BIOLOGICAL- WATER	Water for processed food industry	Standard Plate Count at 37° C	IS 1622
47	BIOLOGICAL- WATER	Water for processed food industry	Thermotolerant Coliforms	IS 1622
48	BIOLOGICAL- WATER	Water from purifier	Aerobic microbial count at 37° C	IS 5402
49	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Alkalinity as CaCO ₃	IS 3025 : Part 23



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50	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
51	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Apparent Color	IS 3025 (Part 4)
52	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Biochemical Oxygen Demand (BOD)	IS 3025 : Part 44
53	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Boron	4500 B , APHA 24th edition
54	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Calcium as Ca	IS 3025 : Part 40
55	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Chemical Oxygen Demand (COD)	IS 3025 : Part 58
56	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Chloride as Cl	IS 3025 : Part 32
57	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Dissolved Oxygen	IS 3025 : Part 38
58	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
59	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Iron as Fe	IS 3025 : Part 53
60	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Magnesium as Mg	IS 3025 : Part 46
61	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Manganese as Mn	IS 3025 : Part 59



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62	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Nitrate as NO3	4500 NO3 B, APHA 24th edition
63	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Nitrate as NO3	CPCB Guidelines for water and wastewater analysis (PDA Method)
64	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Oil & Grease	IS 3025 : Part 39
65	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	pH@25 deg C	IS 3025 : Part 11
66	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Phosphate as PO4	IS 3025 : Part 31, Sec 1
67	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Potassium as K	IS 3025 : Part 45
68	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Silica	4500 SiO2 C, APHA 24th edition
69	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Sodium as Na	IS 3025 : Part 45
70	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Sulphates as SO4	IS 3025 : Part 24, Sec 1
71	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Sulphide	4500 S2-, APHA 24th edition
72	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Total Dissolved Solids	IS 3025 : Part 16
73	CHEMICAL-POLLUTION & ENVIRONMENT	Wastewater	Total Hardness as CaCO3	IS 3025 : Part 21



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74	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Kjeldahl Nitrogen	4500 N Org B, APHA 24th edition
75	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Solids	2540 B, APHA 24th edition
76	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Suspended Solids	2540 D, APHA 24th edition
77	CHEMICAL- WATER	Construction water	Acidity as CaCO ₃	IS 3025 : Part 22
78	CHEMICAL- WATER	Construction water	Alkalinity as CaCO ₃	IS 3025 : Part 23
79	CHEMICAL- WATER	Construction water	calcium as Ca	IS 3025 : Part 40
80	CHEMICAL- WATER	Construction water	Chloride as Cl	IS 3025 : Part 32
81	CHEMICAL- WATER	Construction water	Odour	IS 3025 : Part 5
82	CHEMICAL- WATER	Construction water	pH @ 25 deg C	IS 3025 : Part 11
83	CHEMICAL- WATER	Construction water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
84	CHEMICAL- WATER	Construction water	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
85	CHEMICAL- WATER	Construction water	Total Suspended Solids	2540 D, APHA 24th edition
86	CHEMICAL- WATER	Drinking water	Alkalinity as CaCO ₃	IS 3025 : Part 23
87	CHEMICAL- WATER	Drinking water	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
88	CHEMICAL- WATER	Drinking Water	Apparent Color	IS 3025 (Part 4)
89	CHEMICAL- WATER	Drinking Water	Boron	4500 B , APHA 24th edition
90	CHEMICAL- WATER	Drinking water	Calcium as Ca	IS 3025 : Part 40
91	CHEMICAL- WATER	Drinking water	Chloride as Cl	IS 3025 : Part 32
92	CHEMICAL- WATER	Drinking water	Color	IS 3025 : Part 4
93	CHEMICAL- WATER	Drinking water	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14



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94	CHEMICAL- WATER	Drinking water	Fluoride as F	4500 F D, APHA 24th edition
95	CHEMICAL- WATER	Drinking water	Free Residual Chlorine	4500 Cl G, APHA 24th edition
96	CHEMICAL- WATER	Drinking water	Iron as Fe	IS 3025 : Part 53
97	CHEMICAL- WATER	Drinking water	Magnesium as Mg	IS 3025 : Part 46
98	CHEMICAL- WATER	Drinking water	Manganese as Mn	IS 3025 : Part 59
99	CHEMICAL- WATER	Drinking water	Nitrate as NO3	4500 NO3 B, APHA 24th edition
100	CHEMICAL- WATER	Drinking water	Nitrite as NO2	4500 NO2 B, APHA 24th edition
101	CHEMICAL- WATER	Drinking water	Odour	IS 3025 : Part 5
102	CHEMICAL- WATER	Drinking water	pH@25 deg C	IS 3025 : Part 11
103	CHEMICAL- WATER	Drinking water	Phenolphthalein Alkalinity as CaCO3	IS 3025 : Part 23
104	CHEMICAL- WATER	Drinking water	Phosphate as PO4	IS 3025 : Part 31, Sec 1
105	CHEMICAL- WATER	Drinking water	Potassium as K	IS 3025 : Part 45
106	CHEMICAL- WATER	Drinking Water	Silica	4500 SiO2 C, APHA 24th edition
107	CHEMICAL- WATER	Drinking water	Sodium as Na	IS 3025 : Part 45
108	CHEMICAL- WATER	Drinking water	Sulphates as SO4	IS 3025 : Part 24, Sec 1
109	CHEMICAL- WATER	Drinking Water	Sulphide	4500 S2-, APHA 24th edition
110	CHEMICAL- WATER	Drinking water	Total chlorine as Cl	4500 Cl G, APHA 24th edition
111	CHEMICAL- WATER	Drinking water	Total Dissolved Solids	IS 3025 : Part 16
112	CHEMICAL- WATER	Drinking water	Total Hardness as CaCO3	IS 3025 : Part 21
113	CHEMICAL- WATER	Drinking Water	Total Kjeldahl Nitrogen	4500 N Org B, APHA 24th edition
114	CHEMICAL- WATER	Drinking Water	Total Solids	2540 B, APHA 24th edition



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115	CHEMICAL- WATER	Drinking water	Total Suspended Solids	2540 D, APHA 24th edition
116	CHEMICAL- WATER	Drinking water	Turbidity	IS 3025 : Part 10
117	CHEMICAL- WATER	Ground water	Alkalinity as CaCO ₃	IS 3025 : Part 23
118	CHEMICAL- WATER	Ground water	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
119	CHEMICAL- WATER	Ground water	Calcium as Ca	IS 3025 : Part 40
120	CHEMICAL- WATER	Ground water	Chloride as Cl	IS 3025 : Part 32
121	CHEMICAL- WATER	Ground water	Color	IS 3025 : Part 4
122	CHEMICAL- WATER	Ground water	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
123	CHEMICAL- WATER	Ground water	Fluoride as F	4500 F D, APHA 24th edition
124	CHEMICAL- WATER	Ground water	Iron as Fe	IS 3025 : Part 53
125	CHEMICAL- WATER	Ground water	Magnesium as Mg	IS 3025 : Part 46
126	CHEMICAL- WATER	Ground water	Manganese as Mn	IS 3025 : Part 59
127	CHEMICAL- WATER	Ground water	Nitrate as NO ₃	4500 NO ₃ B, APHA 24th edition
128	CHEMICAL- WATER	Ground water	Nitrite as NO ₂	4500 NO ₂ B, APHA 24th edition
129	CHEMICAL- WATER	Ground water	Odour	IS 3025 : Part 5
130	CHEMICAL- WATER	Ground water	pH@25 deg C	IS 3025 : Part 11
131	CHEMICAL- WATER	Ground water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
132	CHEMICAL- WATER	Ground water	Phosphate as PO ₄	IS 3025 : Part 31, Sec 1
133	CHEMICAL- WATER	Ground water	Potassium as K	IS 3025 : Part 45
134	CHEMICAL- WATER	Ground water	Sodium as Na	IS 3025 : Part 45
135	CHEMICAL- WATER	Ground water	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
136	CHEMICAL- WATER	Ground water	Total Dissolved Solids	IS 3025 : Part 16
137	CHEMICAL- WATER	Ground water	Total Hardness as CaCO ₃	IS 3025 : Part 21



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138	CHEMICAL- WATER	Ground water	Total Suspended Solids	2540 D, APHA 24th edition
139	CHEMICAL- WATER	Ground water	Turbidity	IS 3025 : Part 10
140	CHEMICAL- WATER	Industrial water	Alkalinity as CaCO ₃	IS 3025 : Part 23
141	CHEMICAL- WATER	Industrial water	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
142	CHEMICAL- WATER	Industrial water	Calcium as Ca	IS 3025 : Part 40
143	CHEMICAL- WATER	Industrial water	Chloride as Cl	IS 3025 : Part 32
144	CHEMICAL- WATER	Industrial water	Color	IS 3025 : Part 4
145	CHEMICAL- WATER	Industrial water	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
146	CHEMICAL- WATER	Industrial water	Fluoride as F	4500 F D, APHA 24th edition
147	CHEMICAL- WATER	Industrial water	Iron as Fe	IS 3025 : Part 53
148	CHEMICAL- WATER	Industrial water	Magnesium as Mg	IS 3025 : Part 46
149	CHEMICAL- WATER	Industrial water	Manganese as Mn	IS 3025 : Part 59
150	CHEMICAL- WATER	Industrial water	Nitrate as NO ₃	4500 NO ₃ B, APHA 24th edition
151	CHEMICAL- WATER	Industrial water	Nitrite as NO ₂	4500 NO ₂ B, APHA 24th edition
152	CHEMICAL- WATER	Industrial water	Odour	IS 3025 : Part 5
153	CHEMICAL- WATER	Industrial water	pH@25 deg C	IS 3025 : Part 11
154	CHEMICAL- WATER	Industrial water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
155	CHEMICAL- WATER	Industrial water	Phosphate as PO ₄	IS 3025 : Part 31, Sec 1
156	CHEMICAL- WATER	Industrial water	Potassium as K	IS 3025 : Part 45
157	CHEMICAL- WATER	Industrial water	Sodium as Na	IS 3025 : Part 45
158	CHEMICAL- WATER	Industrial water	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
159	CHEMICAL- WATER	Industrial water	Total Dissolved Solids	IS 3025 : Part 16
160	CHEMICAL- WATER	Industrial water	Total Hardness as CaCO ₃	IS 3025 : Part 21



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161	CHEMICAL- WATER	Industrial water	Total Suspended Solids	2540 D, APHA 24th edition
162	CHEMICAL- WATER	Industrial water	Turbidity	IS 3025 : Part 10
163	CHEMICAL- WATER	Irrigation water	Alkalinity as CaCO ₃	IS 3025 : Part 23
164	CHEMICAL- WATER	Irrigation water	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
165	CHEMICAL- WATER	Irrigation water	Calcium as Ca	IS 3025 : Part 40
166	CHEMICAL- WATER	Irrigation water	Chloride as Cl	IS 3025 : Part 32
167	CHEMICAL- WATER	Irrigation water	Color	IS 3025 : Part 4
168	CHEMICAL- WATER	Irrigation water	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
169	CHEMICAL- WATER	Irrigation water	Fluoride as F	4500 F D, APHA 24th edition
170	CHEMICAL- WATER	Irrigation water	Iron as Fe	IS 3025 : Part 53
171	CHEMICAL- WATER	Irrigation water	Magnesium as Mg	IS 3025 : Part 46
172	CHEMICAL- WATER	Irrigation water	Manganese as Mn	IS 3025 : Part 59
173	CHEMICAL- WATER	Irrigation water	Nitrate as NO ₃	4500 NO ₃ B, APHA 24th edition
174	CHEMICAL- WATER	Irrigation water	Nitrite as NO ₂	4500 NO ₂ B, APHA 24th edition
175	CHEMICAL- WATER	Irrigation water	Odour	IS 3025 : Part 5
176	CHEMICAL- WATER	Irrigation Water	Oil & Grease	IS 3025 (Part 39)
177	CHEMICAL- WATER	Irrigation water	pH@25 deg C	IS 3025 : Part 11
178	CHEMICAL- WATER	Irrigation water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
179	CHEMICAL- WATER	Irrigation water	Phosphate as PO ₄	IS 3025 : Part 31, Sec 1
180	CHEMICAL- WATER	Irrigation water	Potassium as K	IS 3025 : Part 45
181	CHEMICAL- WATER	Irrigation Water	Sodium Adsorption Ratio (SAR)	IS 11624, IS 3025 Part 40, IS 3025 Part 45 and IS 3025 Part 46



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182	CHEMICAL- WATER	Irrigation water	Sodium as Na	IS 3025 : Part 45
183	CHEMICAL- WATER	Irrigation water	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
184	CHEMICAL- WATER	Irrigation water	Total Dissolved Solids	IS 3025 : Part 16
185	CHEMICAL- WATER	Irrigation water	Total Hardness as CaCO ₃	IS 3025 : Part 21
186	CHEMICAL- WATER	Irrigation water	Total Suspended Solids	2540 D, APHA 24th edition
187	CHEMICAL- WATER	Irrigation water	Turbidity	IS 3025 : Part 10
188	CHEMICAL- WATER	Packaged Drinking water	Alkalinity as CaCO ₃	IS 3025 : Part 23
189	CHEMICAL- WATER	Packaged Drinking water	Calcium as Ca	IS 3025 : Part 40
190	CHEMICAL- WATER	Packaged Drinking water	Chloride as Cl	IS 3025 : Part 32
191	CHEMICAL- WATER	Packaged Drinking water	Color	IS 3025 : Part 4
192	CHEMICAL- WATER	Packaged Drinking water	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
193	CHEMICAL- WATER	Packaged Drinking water	Fluoride as F	4500 F D, APHA 24th edition
194	CHEMICAL- WATER	Packaged Drinking water	Iron as Fe	IS 3025 : Part 53
195	CHEMICAL- WATER	Packaged Drinking water	Magnesium as Mg	IS 3025 : Part 46
196	CHEMICAL- WATER	Packaged Drinking water	Manganese as Mn	IS 3025 : Part 59
197	CHEMICAL- WATER	Packaged Drinking water	Nitrate as NO ₃	4500 NO ₃ B, APHA 24th edition
198	CHEMICAL- WATER	Packaged Drinking water	Nitrite as NO ₂	4500 NO ₂ B, APHA 24th edition
199	CHEMICAL- WATER	Packaged Drinking water	Odour	IS 3025 : Part 5
200	CHEMICAL- WATER	Packaged Drinking water	pH@25 deg C	IS 3025 : Part 11
201	CHEMICAL- WATER	Packaged Drinking water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
202	CHEMICAL- WATER	Packaged Drinking water	Phosphate as PO ₄	IS 3025 : Part 31, Sec 1
203	CHEMICAL- WATER	Packaged Drinking water	Potassium as K	IS 3025 : Part 45
204	CHEMICAL- WATER	Packaged Drinking water	Sodium as Na	IS 3025 : Part 45



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205	CHEMICAL- WATER	Packaged Drinking water	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
206	CHEMICAL- WATER	Packaged Drinking water	Total Dissolved Solids	IS 3025 : Part 16
207	CHEMICAL- WATER	Packaged Drinking water	Total Hardness as CaCO ₃	IS 3025 : Part 21
208	CHEMICAL- WATER	Packaged Drinking water	Total Suspended Solids	2540 D, APHA 24th edition
209	CHEMICAL- WATER	Packaged Drinking water	Turbidity	IS 3025 : Part 10
210	CHEMICAL- WATER	Surface water	Alkalinity as CaCO ₃	IS 3025 : Part 23
211	CHEMICAL- WATER	Surface water	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
212	CHEMICAL- WATER	Surface water	Calcium as Ca	IS 3025 : Part 40
213	CHEMICAL- WATER	Surface water	Chloride as Cl	IS 3025 : Part 32
214	CHEMICAL- WATER	Surface water	Color	IS 3025 : Part 4
215	CHEMICAL- WATER	Surface water	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
216	CHEMICAL- WATER	Surface water	Fluoride as F	4500 F D, APHA 24th edition
217	CHEMICAL- WATER	Surface water	Iron as Fe	IS 3025 : Part 53
218	CHEMICAL- WATER	Surface water	Magnesium as Mg	IS 3025 : Part 46
219	CHEMICAL- WATER	Surface water	Manganese as Mn	IS 3025 : Part 59
220	CHEMICAL- WATER	Surface water	Nitrate as NO ₃	4500 NO ₃ B, APHA 24th edition
221	CHEMICAL- WATER	Surface water	Nitrite as NO ₂	4500 NO ₂ B, APHA 24th edition
222	CHEMICAL- WATER	Surface water	Odour	IS 3025 : Part 5
223	CHEMICAL- WATER	Surface water	pH@25 deg C	IS 3025 : Part 11
224	CHEMICAL- WATER	Surface water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
225	CHEMICAL- WATER	Surface water	Phosphate as PO ₄	IS 3025 : Part 31, Sec 1
226	CHEMICAL- WATER	Surface water	Potassium as K	IS 3025 : Part 45
227	CHEMICAL- WATER	Surface water	Sodium as Na	IS 3025 : Part 45



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228	CHEMICAL- WATER	Surface water	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
229	CHEMICAL- WATER	Surface water	Total Dissolved Solids	IS 3025 : Part 16
230	CHEMICAL- WATER	Surface water	Total Hardness as CaCO ₃	IS 3025 : Part 21
231	CHEMICAL- WATER	Surface water	Total Suspended Solids	2540 D, APHA 24th edition
232	CHEMICAL- WATER	Surface water	Turbidity	IS 3025 : Part 10
233	CHEMICAL- WATER	Swimming pool water	Alkalinity as CaCO ₃	IS 3025 : Part 23
234	CHEMICAL- WATER	Swimming pool water	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
235	CHEMICAL- WATER	Swimming pool water	Calcium as Ca	IS 3025 : Part 40
236	CHEMICAL- WATER	Swimming pool water	Chloride as Cl	IS 3025 : Part 32
237	CHEMICAL- WATER	Swimming pool water	Color	IS 3025 : Part 4
238	CHEMICAL- WATER	Swimming pool water	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
239	CHEMICAL- WATER	Swimming pool water	Iron as Fe	IS 3025 : Part 53
240	CHEMICAL- WATER	Swimming pool water	Magnesium as Mg	IS 3025 : Part 46
241	CHEMICAL- WATER	Swimming pool water	Manganese as Mn	IS 3025 : Part 59
242	CHEMICAL- WATER	Swimming pool water	Nitrate as NO ₃	4500 NO ₃ B, APHA 24th edition
243	CHEMICAL- WATER	Swimming pool water	Nitrite as NO ₂	4500 NO ₂ B, APHA 24th edition
244	CHEMICAL- WATER	Swimming pool water	Odour	IS 3025 : Part 5
245	CHEMICAL- WATER	Swimming pool water	pH@25 deg C	IS 3025 : Part 11
246	CHEMICAL- WATER	Swimming pool water	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
247	CHEMICAL- WATER	Swimming pool water	Phosphate as PO ₄	IS 3025 : Part 31, Sec 1
248	CHEMICAL- WATER	Swimming pool water	Potassium as K	IS 3025 : Part 45
249	CHEMICAL- WATER	Swimming pool water	Sodium as Na	IS 3025 : Part 45
250	CHEMICAL- WATER	Swimming pool water	Total chlorine as Cl	4500 Cl G, APHA 24th edition



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251	CHEMICAL- WATER	Swimming pool water	Total Hardness as CaCO ₃	IS 3025 : Part 21
252	CHEMICAL- WATER	Swimming pool water	Total Suspended Solids	2540 D, APHA 24th edition
253	CHEMICAL- WATER	Swimming pool water	Turbidity	IS 3025 : Part 10
254	CHEMICAL- WATER	Water for Medicinal Purpose	Calcium as Ca	IS 3025 : Part 40
255	CHEMICAL- WATER	Water for Medicinal Purposes	Chlorides as Cl	IS 3025 (Part 32)
256	CHEMICAL- WATER	Water for Medicinal Purposes	Fluoride as F	4500 F D, APHA 24th edition
257	CHEMICAL- WATER	Water for Medicinal Purposes	Magnesium as Mg	IS 3025 : Part 46
258	CHEMICAL- WATER	Water for Medicinal Purposes	Nitrate as N	4500 NO ₃ B, APHA 24th edition
259	CHEMICAL- WATER	Water for Medicinal Purposes	Potassium as K	IS 3025 : Part 45
260	CHEMICAL- WATER	Water for Medicinal Purposes	Sodium as Na	IS 3025 : Part 45
261	CHEMICAL- WATER	Water for Medicinal Purposes	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
262	CHEMICAL- WATER	Water for Medicinal Purposes	Total chlorine as Cl	4500 Cl G, APHA 24th edition
263	CHEMICAL- WATER	Water for processed food industries	Alkalinity as CaCO ₃	IS 3025 : Part 23
264	CHEMICAL- WATER	Water for processed food industries	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
265	CHEMICAL- WATER	Water for processed food industries	Calcium as Ca	IS 3025 : Part 40
266	CHEMICAL- WATER	Water for processed food industries	Chloride as Cl	IS 3025 : Part 32
267	CHEMICAL- WATER	Water for processed food industries	Color	IS 3025 : Part 4
268	CHEMICAL- WATER	Water for processed food industries	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
269	CHEMICAL- WATER	Water for processed food industries	Fluoride as F	4500 F D, APHA 24th edition
270	CHEMICAL- WATER	Water for processed food industries	Free Residual Chlorine	4500 Cl G, APHA 24th edition
271	CHEMICAL- WATER	Water for processed food industries	Iron as Fe	IS 3025 : Part 53
272	CHEMICAL- WATER	Water for processed food industries	Magnesium as Mg	IS 3025 : Part 46



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273	CHEMICAL- WATER	Water for processed food industries	Manganese as Mn	IS 3025 : Part 59
274	CHEMICAL- WATER	Water for processed food industries	Nitrate as NO ₃	4500 NO ₃ B, APHA 24th edition
275	CHEMICAL- WATER	Water for processed food industries	Nitrite as NO ₂	4500 NO ₂ B, APHA 24th edition
276	CHEMICAL- WATER	Water for processed food industries	Odour	IS 3025 : Part 5
277	CHEMICAL- WATER	Water for processed food industries	pH@25 deg C	IS 3025 : Part 11
278	CHEMICAL- WATER	Water for processed food industries	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
279	CHEMICAL- WATER	Water for processed food industries	Phosphate as PO ₄	IS 3025 : Part 31, Sec 1
280	CHEMICAL- WATER	Water for processed food industries	Potassium as K	IS 3025 : Part 45
281	CHEMICAL- WATER	Water for processed food industries	Sodium as Na	IS 3025 : Part 45
282	CHEMICAL- WATER	Water for processed food industries	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
283	CHEMICAL- WATER	Water for processed food industries	Total chlorine as Cl	4500 Cl G, APHA 24th edition
284	CHEMICAL- WATER	Water for processed food industries	Total Dissolved Solids	IS 3025 : Part 16
285	CHEMICAL- WATER	Water for processed food industries	Total Hardness as CaCO ₃	IS 3025 : Part 21
286	CHEMICAL- WATER	Water for processed food industries	Total Suspended Solids	2540 D, APHA 24th edition
287	CHEMICAL- WATER	Water for processed food industries	Turbidity	IS 3025 : Part 10
288	CHEMICAL- WATER	Water from purifiers	Alkalinity as CaCO ₃	IS 3025 : Part 23
289	CHEMICAL- WATER	Water from purifiers	Ammonical Nitrogen as NH ₃ -N	IS 3025 : Part 34 : Sec 1
290	CHEMICAL- WATER	Water from purifiers	Calcium as Ca	IS 3025 : Part 40
291	CHEMICAL- WATER	Water from purifiers	Chloride as Cl	IS 3025 : Part 32
292	CHEMICAL- WATER	Water from purifiers	Color	IS 3025 : Part 4
293	CHEMICAL- WATER	Water from purifiers	Electrical Conductivity @ 25 deg C	IS 3025 : Part 14
294	CHEMICAL- WATER	Water from purifiers	Fluoride as F	4500 F D, APHA 24th edition



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295	CHEMICAL- WATER	Water from purifiers	Free Residual Chlorine	4500 Cl G, APHA 24th edition
296	CHEMICAL- WATER	Water from purifiers	Iron as Fe	IS 3025 : Part 53
297	CHEMICAL- WATER	Water from purifiers	Magnesium as Mg	IS 3025 : Part 46
298	CHEMICAL- WATER	Water from purifiers	Manganese as Mn	IS 3025 : Part 59
299	CHEMICAL- WATER	Water from purifiers	Nitrate as NO ₃	4500 NO ₃ B, APHA 24th edition
300	CHEMICAL- WATER	Water from purifiers	Nitrite as NO ₂	4500 NO ₂ B, APHA 24th edition
301	CHEMICAL- WATER	Water from purifiers	Odour	IS 3025 : Part 5
302	CHEMICAL- WATER	Water from purifiers	pH@25 deg C	IS 3025 : Part 11
303	CHEMICAL- WATER	Water from purifiers	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 : Part 23
304	CHEMICAL- WATER	Water from purifiers	Phosphate as PO ₄	IS 3025 : Part 31, Sec 1
305	CHEMICAL- WATER	Water from purifiers	Potassium as K	IS 3025 : Part 45
306	CHEMICAL- WATER	Water from purifiers	Sodium as Na	IS 3025 : Part 45
307	CHEMICAL- WATER	Water from purifiers	Sulphates as SO ₄	IS 3025 : Part 24, Sec 1
308	CHEMICAL- WATER	Water from purifiers	Total chlorine as Cl	4500 Cl G, APHA 24th edition
309	CHEMICAL- WATER	Water from purifiers	Total Dissolved Solids	IS 3025 : Part 16
310	CHEMICAL- WATER	Water from purifiers	Total Hardness as CaCO ₃	IS 3025 : Part 21
311	CHEMICAL- WATER	Water from purifiers	Total Suspended Solids	2540 D, APHA 24th edition
312	CHEMICAL- WATER	Water from purifiers	Turbidity	IS 3025 : Part 10

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.