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- MALKAJGIRI, TELANGANA, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Water for Dialysis / Purified Water	Bacteriological Endotoxin Assay (LAL)	IP
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water	Thermotolerant Coliforms	IS 1622 (by MPN method)
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water	Total coliforms	IS 1622
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Wastewater	E. coli	IS 1622
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Wastewater	E. Coli	IS 1622 (by MPN method)
6	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Wastewater	Thermotolerant Coliforms	IS 1622
7	BIOLOGICAL- WATER	Drinking Water	E. Coli	IS 1622 (by MPN method)
8	BIOLOGICAL- WATER	Drinking Water	E. Coli	IS 1622 (by Multiple Tube Dilution method)
9	BIOLOGICAL- WATER	Drinking Water	Heterotrophic Plate Count	IS 5402
10	BIOLOGICAL- WATER	Drinking Water	Standard Plate Count	IS 1622
11	BIOLOGICAL- WATER	Drinking Water	Thermotolerant Coliforms	IS 1622 (by MPN method)
12	BIOLOGICAL- WATER	Drinking Water	Thermotolerant Coliforms	IS 1622 (by Multiple Tube Dilution method)
13	BIOLOGICAL- WATER	Drinking Water	Total coliforms	IS 1622
14	BIOLOGICAL- WATER	Ground Water / Surface Water	E. coli	IS 1622
15	BIOLOGICAL- WATER	Ground Water / Surface Water	E. coli	IS 1622 (by MPN method)
16	BIOLOGICAL- WATER	Ground Water / Surface Water	Heterotrophic Plate Count	IS 5402
17	BIOLOGICAL- WATER	Ground Water / Surface Water	Standard Plate Count	IS 1622
18	BIOLOGICAL- WATER	Ground Water / Surface Water	Thermotolerant Coliforms	IS 1622
19	BIOLOGICAL- WATER	Ground Water / Surface Water	Thermotolerant Coliforms	IS 1622 (by MPN method)
20	BIOLOGICAL- WATER	Ground Water / Surface Water	Total coliforms	IS 1622
21	BIOLOGICAL- WATER	Irrigation Water	E. Coli	IS 1622
22	BIOLOGICAL- WATER	Irrigation Water	E. coli	IS 1622 (by MPN method)

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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
23	BIOLOGICAL- WATER	Irrigation Water	Heterotrophic Plate Count	IS 5402
24	BIOLOGICAL- WATER	Irrigation Water	Standard Plate Count	IS 1622
25	BIOLOGICAL- WATER	Irrigation Water	Thermotolerant Coliforms	IS 1622
26	BIOLOGICAL- WATER	Irrigation Water	Thermotolerant Coliforms	IS 1622 (by MPN method)
27	BIOLOGICAL- WATER	Irrigation water	Total coliforms	IS 1622
28	BIOLOGICAL- WATER	Packaged Drinking Water	Heterotrophic Plate Count	IS 5402
29	BIOLOGICAL- WATER	Swimming Pool Water	E. Coli	IS 1622
30	BIOLOGICAL- WATER	Swimming Pool Water	E. Coli	IS 1622 (by MPN method)
31	BIOLOGICAL- WATER	Swimming Pool Water	Heterotrophic Plate Count	IS 5402
32	BIOLOGICAL- WATER	Swimming Pool Water	Standard Plate Count	IS 1622
33	BIOLOGICAL- WATER	Swimming Pool Water	Thermotolerant Coliforms	IS 1622
34	BIOLOGICAL- WATER	Swimming Pool Water	Thermotolerant Coliforms	IS 1622 (by MPN method)
35	BIOLOGICAL- WATER	Swimming Pool Water	Total coliforms	IS 1622
36	BIOLOGICAL- WATER	Water for Dialysis / Purified Water	E. Coli	IS 1622
37	BIOLOGICAL- WATER	Water for Dialysis / Purified Water	E. Coli	IS 1622 (by MPN method)
38	BIOLOGICAL- WATER	Water for Dialysis / Purified Water	Heterotrophic Plate Count	IS 5402
39	BIOLOGICAL- WATER	Water for Dialysis / Purified Water	Standard Plate Count	IS 1622
40	BIOLOGICAL- WATER	Water for Dialysis / Purified Water	Thermotolerant Coliforms	IS 1622
41	BIOLOGICAL- WATER	Water for Dialysis / Purified Water	Thermotolerant Coliforms	IS 1622 (by MPN method)
42	BIOLOGICAL- WATER	Water for Dialysis / Purified Water	Total coliforms	IS 1622
43	BIOLOGICAL- WATER	Water for Dialysis / Purified Water	Total Viable Count	IS 23500 Part 3
44	BIOLOGICAL- WATER	Water for Processed Food Industry	E. Coli	IS 1622
45	BIOLOGICAL- WATER	Water for Processed Food Industry	E. Coli	IS 1622 (by MPN method)
46	BIOLOGICAL- WATER	Water for Processed Food Industry	Heterotrophic Plate Count	IS 5402
47	BIOLOGICAL- WATER	Water for Processed Food Industry	Standard Plate Count	IS 1622
48	BIOLOGICAL- WATER	Water for Processed Food Industry	Thermotolerant Coliforms	IS 1622
49	BIOLOGICAL- WATER	Water for Processed Food Industry	Thermotolerant Coliforms	IS 1622 (by MPN method)
50	BIOLOGICAL- WATER	Water for Processed Food Industry	Total coliforms	IS 1622
51	BIOLOGICAL- WATER	Water from Purifier	Aerobic Microbial Count	IS 5402
52	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Ammonical Nitrogen as NH3-N	IS 3025 : Part 34

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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
53	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Biochemical Oxygen Demand (BOD)	IS 3025 : Part 44
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 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
62	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Oil & Grease	IS:3025 (Part-39)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	pH at 25 C	IS 3025 : Part 11 Electrometric Method
64	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Phosphate as PO4	IS 3025 : Part 31
65	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Potassium as K	IS 3025 : Part 45
66	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Sodium as Na	IS 3025 : Part 45
67	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Sulphate as SO4	IS 3025 : Part 24
68	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Alkalinity as CaCO3	IS3025(Part 23)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Dissolved Solids	IS 3025 : Part 16
70	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Hardness as CaCO3	IS 3025 : Part 21
71	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Suspended Solids	2540-D, APHA 23rd edition

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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
72	CHEMICAL- WATER	Construction Water	Alkalinity as CaCO3	IS 3025 : Part 23
73	CHEMICAL- WATER	Construction Water	calcium as Ca	IS 3025 : Part 40
74	CHEMICAL- WATER	Construction Water	Chloride as Cl	IS 3025 : Part 32
75	CHEMICAL- WATER	Construction water	Odour	IS 3025 : Part 5
76	CHEMICAL- WATER	Construction Water	pH	IS 3025 : Part 11 Electrometric Method:
77	CHEMICAL- WATER	Construction Water	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
78	CHEMICAL- WATER	Construction Water	Sulphates as SO4	IS 3025 : Part 24
79	CHEMICAL- WATER	Construction Water	Total Suspended Solids	APHA 23rd Edition 2540-D
80	CHEMICAL- WATER	Drinking water	Ammonical Nitrogen as NH3-N	IS 3025 : Part 34
81	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 : Part 32
82	CHEMICAL- WATER	Drinking water	Color	IS 3025 (Part 4)
83	CHEMICAL- WATER	Drinking water	Electrical Conductivity	IS 3025 : Part 14
84	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition 2017 4500 F D (SPADNS) method
85	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	4500-Cl G, DPD method, APHA 23rd edition
86	CHEMICAL- WATER	Drinking water	Iron as Fe	IS 3025 : Part 53
87	CHEMICAL- WATER	Drinking water	Magnesium as Mg	IS 3025 : Part 46
88	CHEMICAL- WATER	Drinking water	Manganese as Mn	IS 3025 : Part 59
89	CHEMICAL- WATER	Drinking water	Nitrate as NO3	APHA 23rd Edition 2017 4500 NO3 B
90	CHEMICAL- WATER	Drinking water	Nitrite as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
91	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 : Part 5
92	CHEMICAL- WATER	Drinking water	pH	IS 3025 : Part 11 Electrometric Method
93	CHEMICAL- WATER	Drinking Water	Phenolphthalein Alkalinity as CaCO3	IS 3025 : Part 23
94	CHEMICAL- WATER	Drinking Water	Phosphate as PO4	IS 3025 : Part 31
95	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 : Part 45
96	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 : Part 45
97	CHEMICAL- WATER	Drinking water	Sulphate as SO4	IS 3025 : Part 24

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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
98	CHEMICAL- WATER	Drinking water	Sulphates as SO4	IS 3025 : Part 24
99	CHEMICAL- WATER	Drinking water	Total Alkalinity as CaCO3	IS:3025 (Part-23)
100	CHEMICAL- WATER	Drinking Water	Total chlorine as Cl	APHA 23rd Edition,2017, (4500 - Cl .G DPD Colorimetric Mehtod)
101	CHEMICAL- WATER	Drinking water	Total Dissolved Solids	IS 3025 (part 16)
102	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 : Part 21
103	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 23rd Edition 2540-D
104	CHEMICAL- WATER	Drinking water	Turbidity	IS 3025 (part 10)
105	CHEMICAL- WATER	Drinking water.	Calcium as Ca	IS 3025 : Part 40
106	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 : Part 16
107	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	IS:3025 (Part-23)
108	CHEMICAL- WATER	Ground water	Ammonical Nitrogen as NH3-N	IS 3025 : Part 34
109	CHEMICAL- WATER	Ground water	Calcium as Ca	IS 3025 : Part 40
110	CHEMICAL- WATER	Ground Water	Chlorides as Cl	IS 3025 : Part 32
111	CHEMICAL- WATER	Ground Water	Color	IS 3025(part 4)
112	CHEMICAL- WATER	Ground water	Electrical Conductivity	IS 3025 : Part 14
113	CHEMICAL- WATER	Ground Water	Fluoride	APHA 23rd Edition 2017 4500 F D (SPADNS) method
114	CHEMICAL- WATER	Ground Water	Iron as Fe	IS 3025 : Part 53
115	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 : Part 46
116	CHEMICAL- WATER	Ground Water	Manganese as Mn	IS 3025 : Part 59
117	CHEMICAL- WATER	Ground Water	Nitrates as NO3	4500-NO3-B, APHA 23rd Edition
118	CHEMICAL- WATER	Ground Water	Nitrites as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
119	CHEMICAL- WATER	Ground Water	Odour	IS 3025 : Part 5
120	CHEMICAL- WATER	Ground Water	pH	IS 3025 : Part 11 Electrometric Method
121	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
122	CHEMICAL- WATER	Ground Water	Phosphate as PO4	IS 3025 : Part 31
123	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025 : Part 45
124	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025 : Part 45

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125	CHEMICAL- WATER	Ground water	Sulphates	IS 3025 : Part 24
126	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 : Part 21
127	CHEMICAL- WATER	Ground water	Total Suspended Solids	APHA 23rd Edition 2540-D
128	CHEMICAL- WATER	Ground water	Turbidity	IS 3025 (part 10)
129	CHEMICAL- WATER	Industrial Water	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
130	CHEMICAL- WATER	Industrial water	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34)
131	CHEMICAL- WATER	Industrial water	Calcium as Ca	IS 3025 (Part 40)
132	CHEMICAL- WATER	Industrial Water	Chlorides as Cl	IS 3025 : Part 32
133	CHEMICAL- WATER	Industrial Water	Color	IS 3025(part 4)
134	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	IS 3025 : Part 14
135	CHEMICAL- WATER	Industrial Water	Fluoride	APHA 23rd Edition 2017 4500 F D (SPADNS) method
136	CHEMICAL- WATER	Industrial Water	Iron as Fe	IS 3025 : Part 53
137	CHEMICAL- WATER	Industrial Water	Magnesium as Mg	IS 3025 : Part 46
138	CHEMICAL- WATER	Industrial Water	Manganese as Mn	IS 3025 : Part 59
139	CHEMICAL- WATER	Industrial Water	Nitrates as NO3	4500-NO3-B, APHA 23rd Edition
140	CHEMICAL- WATER	Industrial Water	Nitrites as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
141	CHEMICAL- WATER	Industrial Water	Odour	IS 3025 : Part 5
142	CHEMICAL- WATER	Industrial Water	pH	IS 3025 : Part 11 Electrometric Method
143	CHEMICAL- WATER	Industrial Water	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
144	CHEMICAL- WATER	Industrial Water	Phosphates as PO4	IS 3025 : Part 31
145	CHEMICAL- WATER	Industrial Water	Potassium as K	IS 3025 : Part 45
146	CHEMICAL- WATER	Industrial Water	Sodium as Na	IS 3025 : Part 45
147	CHEMICAL- WATER	Industrial Water	Sulphates as SO4	IS 3025 : Part 24
148	CHEMICAL- WATER	Industrial Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
149	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 : Part 16
150	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	IS 3025 : Part 21
151	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	APHA 23rd Edition 2540-D

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152	CHEMICAL- WATER	Industrial Water	Turbidity	Is 3025 (part 10)
153	CHEMICAL- WATER	Irrigation water	Ammonical Nitrogen as NH3-N	IS 3025 : Part 34
154	CHEMICAL- WATER	Irrigation water	Calcium as Ca	IS 3025 : Part 40
155	CHEMICAL- WATER	Irrigation water	Chlorides as Cl	IS 3025 : Part 32
156	CHEMICAL- WATER	Irrigation water	Color	IS 3025(part 4)
157	CHEMICAL- WATER	Irrigation water	Electrical Conductivity	IS 3025 : Part 14
158	CHEMICAL- WATER	Irrigation water	Fluoride	APHA 23rd Edition 2017 4500 F D (SPADNS) method
159	CHEMICAL- WATER	Irrigation Water	Iron as Fe	IS 3025 : Part 53
160	CHEMICAL- WATER	Irrigation water	Magnesium as Mg	IS 3025 : Part 46
161	CHEMICAL- WATER	Irrigation Water	Manganese as Mn	IS 3025 : Part 59
162	CHEMICAL- WATER	Irrigation Water	Nitrates as NO3	4500-NO3-B, APHA 23rd Edition
163	CHEMICAL- WATER	Irrigation water	Nitrites as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
164	CHEMICAL- WATER	Irrigation Water	Odour	IS 3025 : Part 5
165	CHEMICAL- WATER	Irrigation water	pH	IS 3025 : Part 11 Electrometric Method
166	CHEMICAL- WATER	Irrigation water	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
167	CHEMICAL- WATER	Irrigation Water	Phosphates as PO4	IS 3025 : Part 31
168	CHEMICAL- WATER	Irrigation Water	Potassium as K	IS 3025 : Part 45
169	CHEMICAL- WATER	Irrigation Water	Sodium as Na	IS 3025 : Part 45
170	CHEMICAL- WATER	Irrigation water	Sulphates	IS 3025 : Part 24
171	CHEMICAL- WATER	Irrigation water	Total Alkalinity as CaCO3	IS:3025 (Part-23)
172	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids	IS 3025 : Part 16
173	CHEMICAL- WATER	Irrigation water	Total Hardness as CaCO3	IS 3025 : Part 21
174	CHEMICAL- WATER	Irrigation Water	Total Suspended Solids	APHA 23rd Edition 2540-D
175	CHEMICAL- WATER	Irrigation Water	Turbidity	IS 3025(part 10)
176	CHEMICAL- WATER	Package Drinking Water	Ammonical Nitrogen as NH3-N	IS 3025 : Part 34
177	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	IS 3025 : Part 40
178	CHEMICAL- WATER	Packaged Drinking water	Chlorides as Cl	IS 3025 : Part 32
179	CHEMICAL- WATER	Packaged Drinking water	Color	IS 3025(part 4)

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180	CHEMICAL- WATER	Packaged Drinking Water	Electrical Conductivity	IS 3025 : Part 14
181	CHEMICAL- WATER	Packaged Drinking water	Fluoride	APHA 23rd Edition 2017 4500 F D (SPADNS) method
182	CHEMICAL- WATER	Packaged Drinking Water	Iron as Fe	IS 3025 : Part 53
183	CHEMICAL- WATER	Packaged Drinking water	Magnesium as Mg	IS 3025 : Part 46
184	CHEMICAL- WATER	Packaged Drinking Water	Manganese as Mn	IS 3025 : Part 59
185	CHEMICAL- WATER	Packaged Drinking water	Nitrates as NO3	4500-NO3-B, APHA 23rd Edition
186	CHEMICAL- WATER	Packaged Drinking Water	NItrites as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
187	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 : Part 5
188	CHEMICAL- WATER	Packaged Drinking Water	pH	IS 3025 : Part 11 Electrometric Method
189	CHEMICAL- WATER	Packaged Drinking water	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
190	CHEMICAL- WATER	Packaged Drinking Water	Phosphates as PO4	IS 3025 : Part 31
191	CHEMICAL- WATER	Packaged Drinking water	Potassium as K	IS 3025 : Part 45
192	CHEMICAL- WATER	Packaged Drinking water	Sodium as Na	IS 3025 : Part 45
193	CHEMICAL- WATER	Packaged Drinking Water	Sulphates as SO4	IS 3025 : Part 24
194	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity as CaCO3	IS:3025 (Part-23)
195	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	IS 3025 : Part 16
196	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	IS 3025 : Part 21
197	CHEMICAL- WATER	Packaged Drinking Water	Total Suspended Solids	APHA 23rd Edition 2540-D
198	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025(part 10)
199	CHEMICAL- WATER	Surface water	Ammonical Nitrogen as NH3-N	IS 3025 : Part 34
200	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 : Part 40
201	CHEMICAL- WATER	Surface water	Chlorides as Cl	IS 3025 : Part 32
202	CHEMICAL- WATER	Surface Water	Color	IS 3025(part 4)
203	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 : Part 14
204	CHEMICAL- WATER	Surface Water	Fluoride	APHA 23rd Edition 2017 4500 F D (SPADNS) method
205	CHEMICAL- WATER	Surface Water	Iron as Fe	IS 3025 : Part 53
206	CHEMICAL- WATER	Surface water	Magnesium as Mg	IS 3025 : Part 46

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207	CHEMICAL- WATER	Surface Water	Manganese as Mn	IS 3025 : Part 59
208	CHEMICAL- WATER	Surface Water	Nitrates as NO3	4500-NO3-B, APHA 23rd Edition
209	CHEMICAL- WATER	Surface Water	Nitrites as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
210	CHEMICAL- WATER	Surface Water	Odour	IS 3025 Part 5
211	CHEMICAL- WATER	Surface Water	pH	IS 3025 : Part 11 Electrometric Method
212	CHEMICAL- WATER	Surface Water	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
213	CHEMICAL- WATER	Surface water	Phosphates as PO4	IS 3025 : Part 31
214	CHEMICAL- WATER	Surface Water	Potassium as K	IS 3025 : Part 45
215	CHEMICAL- WATER	Surface Water	Sodium as Na	IS 3025 : Part 45
216	CHEMICAL- WATER	Surface water	Sulphates as SO4	IS 3025 : Part 24
217	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS:3025 (Part-23)
218	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 : Part 16
219	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 : Part 21
220	CHEMICAL- WATER	surface water	Total Suspended Solids	APHA 23rd Edition 2540-D
221	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (part 10)
222	CHEMICAL- WATER	Swimmimg pool water	Ammonical Nitrogen as NH3-N	IS 3025 : Part 34
223	CHEMICAL- WATER	Swimming pool Water	Phosphates as PO4	IS 3025 : Part 31
224	CHEMICAL- WATER	Swimming Pool Water	Calcium as Ca	IS 3025 : Part 40
225	CHEMICAL- WATER	Swimming Pool Water	Chlorides as Cl	IS 3025 : Part 32
226	CHEMICAL- WATER	Swimming Pool Water	Color	IS 3025(part 4)
227	CHEMICAL- WATER	Swimming Pool Water	Electrical Conductivity	IS 3025 : Part 14
228	CHEMICAL- WATER	Swimming Pool Water	Iron as Fe	IS 3025 : Part 53
229	CHEMICAL- WATER	Swimming Pool Water	Magnesium as Mg	IS 3025 : Part 46
230	CHEMICAL- WATER	Swimming Pool Water	Manganese as Mn	IS 3025 : Part 59
231	CHEMICAL- WATER	Swimming Pool Water	Nitrates as NO3	4500-NO3-B, APHA 23rd Edition
232	CHEMICAL- WATER	Swimming Pool Water	NItrites as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
233	CHEMICAL- WATER	Swimming Pool Water	Odour	IS 3025 Part 5

SCOPE OF ACCREDITATION

Laboratory Name : THE INSTITUTE OF HEALTH SYSTEMS - LABORATORY, SIVANANDA REHABILITATION HOME CAMPUS, KUKATPALLY, NH-65, HYDERABAD, MEDCHAL- MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
234	CHEMICAL- WATER	Swimming Pool Water	pH	IS 3025 : Part 11 Electrometric Method
235	CHEMICAL- WATER	Swimming Pool Water	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
236	CHEMICAL- WATER	Swimming Pool Water	Potassium as K	IS 3025 : Part 45
237	CHEMICAL- WATER	Swimming Pool Water	Sodium as Na	IS 3025 : Part 45
238	CHEMICAL- WATER	Swimming Pool Water	Total Alkalinity as CaCO3	IS:3025 (Part-23)
239	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids	IS 3025 : Part 16
240	CHEMICAL- WATER	Swimming Pool Water	Total Hardness as CaCO3	IS 3025 : Part 21
241	CHEMICAL- WATER	Swimming Pool Water	Total Suspended Solids	APHA 23rd Edition 2540-D
242	CHEMICAL- WATER	Swimming Pool Water	Turbidity	IS 3025(part 10)
243	CHEMICAL- WATER	Water from purifiers	Iron as Fe	IS 3025 : Part 53
244	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 : Part 22
245	CHEMICAL- WATER	Water for Dialysis	Ammonical Nitrogen as NH3-N	IS 3025 : Part 34
246	CHEMICAL- WATER	Water for Dialysis	Calcium as Ca	IS 3025 : Part 40
247	CHEMICAL- WATER	Water for Dialysis	Color	IS 3025 (Part 4)
248	CHEMICAL- WATER	Water for Dialysis	Electrical Conductivity	IS 3025 : Part 14
249	CHEMICAL- WATER	Water for Dialysis	Fluoride	APHA 23rd Edition 2017 4500 F D (SPADNS) method
250	CHEMICAL- WATER	Water for Dialysis	Iron as Fe	IS 3025 : Part 53
251	CHEMICAL- WATER	Water for Dialysis	Magnesium as Mg	IS 3025 : Part 46
252	CHEMICAL- WATER	Water for Dialysis	Manganese as Mn	IS 3025 : Part 59
253	CHEMICAL- WATER	Water for Dialysis	Nitrates as NO3	4500-NO3-B, APHA 23rd Edition
254	CHEMICAL- WATER	Water for Dialysis	Nitrites as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
255	CHEMICAL- WATER	Water for Dialysis	Odour	IS 3025 : Part 5
256	CHEMICAL- WATER	Water for Dialysis	pH	IS 3025 : Part 11 Electrometric Method
257	CHEMICAL- WATER	Water for Dialysis	Phosphates as PO4	IS 3025 : Part 31
258	CHEMICAL- WATER	Water for Dialysis	Potassium as K	IS 3025 : Part 45
259	CHEMICAL- WATER	Water for Dialysis	Sodium as Na	IS 3025 : Part 45
260	CHEMICAL- WATER	Water for Dialysis	Total Alkalinity as CaCO3	IS:3025 (Part-23)

SCOPE OF ACCREDITATION

Laboratory Name :	THE INSTITUTE OF HEALTH SYSTEMS - LABORATORY, SIVANANDA REHABILITATION HOME CAMPUS, KUKATPALLY, NH-65, HYDERABAD, MEDCHAL- MALKAJGIRI, TELANGANA, INDIA
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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
261	CHEMICAL- WATER	Water for Dialysis	Total Chlorine as Cl	APHA 23rd Edn,2017(4500-Cl G DPD Colorimetric Method)
262	CHEMICAL- WATER	Water for Dialysis	Total Dissolved Solids	IS 3025 : Part 16
263	CHEMICAL- WATER	Water for Dialysis	Total Hardness as CaCO3	IS 3025 : Part 21
264	CHEMICAL- WATER	Water for Dialysis	Turbidity	IS 3025 (Part 10)
265	CHEMICAL- WATER	Water for processed food industries	Ammonical Nitrogen as NH3-N	IS : 3025 (Part 34)
266	CHEMICAL- WATER	Water for processed food industries	Calcium as Ca	IS 3025(Part 40)
267	CHEMICAL- WATER	Water for processed food industries	Chloride as Cl-	S 3025 :Part 32
268	CHEMICAL- WATER	Water for processed food industries	colour	IS 3025(Part 4):2012
269	CHEMICAL- WATER	Water for processed food industries	Electrical Conductivity	IS 3025 :Part 14
270	CHEMICAL- WATER	Water for processed food industries	Fluoride as F	APHA 23rd Edition,2017 : 4500-F D(SPADNS) method
271	CHEMICAL- WATER	Water for processed food industries	Free residual chlorine	4500-Cl G. DPD (APHA 2017 , 23rd Edition)
272	CHEMICAL- WATER	Water for processed food industries	Iron as Fe	IS 3025 (Part 53)
273	CHEMICAL- WATER	Water for processed food industries	Magnesium as Mg	IS 3025 (Part 46)
274	CHEMICAL- WATER	Water for processed food industries	Manganese	IS 3025(Part 59)
275	CHEMICAL- WATER	Water for processed food industries	Nitrate as NO3	APHA 23rd Edn,2017: 4500 NO3-B
276	CHEMICAL- WATER	Water for processed food industries	Nitrite as NO2	APHA 23rd Edn,2017: 4500 No2-B
277	CHEMICAL- WATER	Water for processed food industries	Odour	IS 3025(Part 5)-2018
278	CHEMICAL- WATER	Water for processed food industries	pH	IS 3025 (Part 11)
279	CHEMICAL- WATER	Water for processed food industries	Phosphate as PO4	IS 3025 (Part 31)
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 SO4	IS 3025 (Part 24)
283	CHEMICAL- WATER	Water for processed food industries	Total Alkalinity as CaCO3	IS 3025(Part-23)
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 CaCO3	IS 3025(Part 21)
286	CHEMICAL- WATER	Water for processed food industries	Total suspended Solids	APHA 23rd Edn,2017:2540-D
287	CHEMICAL- WATER	Water for processed food industries	Turbidity	IS 3025(Part 10)

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
288	CHEMICAL- WATER	Water for Swimming Pool	Total Chlorine as Cl	APHA 23rd Edn,2017(4500- Cl G. DPD Colorimetric Method)
289	CHEMICAL- WATER	Water from purifiers	Ammonical Nitrogen NH3-N	IS 3025 : Part 34
290	CHEMICAL- WATER	Water from Purifiers	Calcium as Ca	IS 3025 : Part 40
291	CHEMICAL- WATER	Water from purifiers	Chlorides 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	IS 3025 : Part 14
294	CHEMICAL- WATER	Water from purifiers	Fluoride	APHA 23rd Edition 2017 4500 F D (SPADNS) method
295	CHEMICAL- WATER	Water from purifiers	Magnesium as Mg	IS 3025 : Part 46
296	CHEMICAL- WATER	Water from Purifiers	Manganese as Mn	IS 3025 : Part 59
297	CHEMICAL- WATER	Water from purifiers	Nitrates as NO3	4500-NO3-B, APHA 23rd Edition
298	CHEMICAL- WATER	Water from purifiers	Nitrites as NO2	APHA 23rd Edition 2017 4500 NO2 B Colorimetric method
299	CHEMICAL- WATER	Water from purifiers	pH	IS 3025 : Part 11 Electrometric Method
300	CHEMICAL- WATER	Water from purifiers	Phenolphthalein Alkalinity as CaCO3	IS:3025 (Part-23)
301	CHEMICAL- WATER	Water from Purifiers	Phosphates as PO4	IS 3025 : Part 31
302	CHEMICAL- WATER	Water from Purifiers	Potassium as K	IS 3025 : Part 45
303	CHEMICAL- WATER	Water from Purifiers	Sodium as Na	IS 3025 : Part 45
304	CHEMICAL- WATER	Water from purifiers	Sulphates	IS 3025 : Part 24
305	CHEMICAL- WATER	Water from purifiers	Total Alkalinity as CaCO3	IS:3025 (Part-23)
306	CHEMICAL- WATER	Water from purifiers	Total Dissolved Solids	IS 3025 : Part 16
307	CHEMICAL- WATER	Water from purifiers	Total Hardness as CaCO3	IS 3025 : Part 21
308	CHEMICAL- WATER	Water from Purifiers	Total Suspended Solids	APHA 23rd Edition 2540-D
309	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.