National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PHOTRON LABORATORIES PRIVATE LIMITED, PLOT NO. G-19, KH. NO. 76/7 AND 76/14, LAXMI PARK, NANGLOI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 29/03/2023 to 28/03/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	NAAQMS Monitoring & Analysis Guidelines (Volume I), CPCB (Gravimetric Method)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	IS 5182 (Part 25)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic (As)	NAAQMS Monitoring & Analysis Guidelines (Volume I), CPCB (AAS Method after sampling on EPM 2000 or Equivalent filter Paper)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon Monoxide (CO)	IS 5182 (Part 10)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrogen Sulphide (H2S)	IS 5182 (Part 7)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS 5182 (Part 22)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel (Ni)	IS 5182 (Part 26)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS 5182 (Part 6)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS 5182 (Part 9)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	IS 5182 (Part 24)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Particulate Matter (SPM)	IS 5182 (Part 4)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise level/ Workezone Noise	Ambient Noise Level	IS 9989
15	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack/ Boiler/ Exhaust	Ammonia (NH3)	IS 11255 (Part 6)
16	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack/ Boiler/ Exhaust	Carbon Dioxide (CO2)	IS 13270
17	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack/ Boiler/ Exhaust	Carbon Monoxide (CO)	IS 13270

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18	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack/ Boiler/ Exhaust	Oxides of Nitrogen (NOx)	IS 11255 (Part 7)
19	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack/ Boiler/ Exhaust	Oxygen (O2)	IS 13270
20	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack/ Boiler/ Exhaust	Particulate Matter	IS 11255 (Part 1)
21	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack/ Boiler/ Exhaust	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ilumination Level	Light Intensity (Lux Level)	IS 6665
23	CHEMICAL- ATMOSPHERIC POLLUTION	Source Machine Noise	Noise Level	IS 4758
24	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Air	Carbon Monoxide (CO)	IS 5182 (Part 10)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Air	Hydrogen Sulphide (H2S)	IS 5182 (Part 7)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Air	Ozone (O3)	IS 5182 (Part 9)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Phosphorous (P)	IS 10158
28	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Cadmium (Cd)	USEPA 3050B (AAS FLAME)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Chromium (Cr)	USEPA 3050B (AAS FLAME)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Copper (Cu)	USEPA 3050B (AAS FLAME)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Cyanide	APHA 23rd Edition 4500 CN-C & E
32	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Iron (Fe)	USEPA 3050B (AAS FLAME):
33	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Lead (Pb)	USEPA 3050B (AAS FLAME)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Manganese (Mn)	USEPA 3050B (AAS FLAME)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Nickel (Ni)	USEPA 3050B (AAS FLAME)
36	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Potassium (K)	IS 9497

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37	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Sodium (Na)	IS 9497
38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Aluminum (Al)	USEPA 3050B (AAS FLAME)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Sulphur	IS 14685
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cadmium(Cd)	USEPA 3050B (AAS FLAME)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium Carbonate as CaCO3	IS 2720 (Part 23)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cation Exchange Capacity	IS 2720 (Part 24)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chromium(Cr)	USEPA 3050B (AAS FLAME)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Clay (Texture)	IS 2720 (Part 4)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Copper(Cu)	USEPA 3050B (AAS FLAME)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	IS 14767
47	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Iron (Fe)	USEPA 3050B (AAS FLAME)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Lead (Pb)	USEPA 3050B (AAS FLAME)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Manganese (Mn)	USEPA 3050B (AAS FLAME)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	IS 2720 (Part 2)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nickel (Ni)	USEPA 3050B (AAS FLAME)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part 22)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sand (Texture)	IS 2720 (Part 4)

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56	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Silt (Texture)	IS 2720 (Part 4)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Kjeldahl Nitrogen	IS 14684
58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	IS 14765
59	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water soluble Sulphate	IS 2720 (Part 27)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc (Zn)	USEPA 3050B (AAS FLAME)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Free carbon dioxide	APHA 23rd Edition 4500 CO2 -C
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	IS 3025 (Part 39)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compounds as C6H5OH	APHA 23rd Edition 5530-B- C & E
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Hexavalent Chromium (Cr6+)	IS 3025 (Part 52)
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica (SiO2)	APHA 23rd Edition 4500-SiO2 C
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphites (SO3)	IS 3025 (Part 28)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Temperature	IS 3025 (Part 9)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity as CaCO3 (Phenolphthalein & Total)	IS 3025 (Part 23)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Aluminum (Al)	APHA 23rd Edition 3500-Al B
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonia (NH3)	APHA 23rd Edition 4500 NH3 C
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammoniacal Nitrogen	IS 3025 (Part 34)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Arsenic (As)	APHA 23rd Edition 3114 C
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand BOD (for 03 days at 27 °C)	IS 3025 (Part 44)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron (B)	APHA 23rd Edition 4500-B- B

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75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium (Cd)	APHA 23rd Edition 3111 B
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium (Ca)	IS 3025 (Part 40)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride (Cl)	IS 3025 (Part 32)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanide (CN)	APHA 23rd Edition 4500 C
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen (O2)	IS 3025 (Part 38)
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical conductivity	IS 3025 (Part 14)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fluoride (F)	APHA 23rd Edition 4500-F D
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Inorganic Fixed Solids	APHA 23rd Edition 2540-E
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron (Fe)	APHA 23rd Edition 3111 B
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead (Pb)	APHA 23rd Edition 3111 B
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium (Mg)	IS 3025 (Part 46)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese (Mn)	APHA 23rd Edition 3111 B
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury (Hg)	APHA 23rd Edition 3112 B
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel (Ni)	APHA 23rd Edition 3111 B
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate (NO3)	IS 3025 (Part 34)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite (NO2)	APHA 23rd Edition 4500- NO2-B
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Odour	IS 3025 (Part 5)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Organic Volatile Solids	IS 3025 (Part 18)

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94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (Part 11)
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate (PO4)	APHA 23rd Edition 4500-P D
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium (K)	IS 3025 (Part 45)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Free Chlorine as Cl2	IS 3025 (Part 26)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Selenium	APHA 23rd Edition 3114 B
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Settleable Solid	APHA 23rd Edition 2540 F
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silver (Ag)	APHA 23rd Edition 3111 B
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium (Na)	IS 3025 (Part 45)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate (SO4)	APHA 23rd Edition 4500-SO4 E
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide	IS 3025 (Part 29)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium (Cr)	APHA 23rd Edition 3111 B
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	IS 3025 (Part 16)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	IS 3025 (Part 21)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 23rd Edition 4500-Norg B
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	IS 3025 (Part 15)
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS 3025 (Part 17)
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	IS 3025 (Part 10)
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc (Zn)	APHA 23rd Edition 3111 B
112	CHEMICAL- RESIDUES IN WATER	Dialysis Water/Reagent Water/Demineralised Water	Lead (Pb)	APHA 23rd Edition 3111 B

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113	CHEMICAL- RESIDUES IN WATER	Dialysis Water/Reagent Water/Demineralised Water	Cadmium (Cd)	APHA 23rd Edition 3111 B
114	CHEMICAL- RESIDUES IN WATER	Dialysis Water/Reagent Water/Demineralised Water	Nickel (Ni)	APHA 23rd Edition 3111 B
115	CHEMICAL- RESIDUES IN WATER	Dialysis Water/Reagent Water/Demineralised Water	Selenium (Se)	APHA 23rd Edition 3114 B
116	CHEMICAL- RESIDUES IN WATER	Dialysis Water/Reagent Water/Demineralised Water	Arsenic (As)	APHA 23rd Edition 3114 C
117	CHEMICAL- RESIDUES IN WATER	Dialysis Water/Reagent Water/Demineralised Water	Cyanide (CN)	IS 3025 (Part 27)
118	CHEMICAL- RESIDUES IN WATER	Dialysis Water/Reagent Water/Demineralised Water	Mercury (Hg)	APHA 23rd Edition 3112 B
119	CHEMICAL- RESIDUES IN WATER	Dialysis Water/Reagent Water/Demineralised Water	Total Chromium (Cr)	APHA 23rd Edition 3111 B
120	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic (As)	APHA 23rd Edition 3114 C
121	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium (Cd)	APHA 23rd Edition 3111 B
122	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cyanide (CN)	IS 3025 (Part 27)
123	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury (Hg)	APHA 23rd Edition 3112 B
124	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel (Ni)	APHA 23rd Edition 3111 B
125	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium (Se)	APHA 23rd Edition 3114 C
126	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium	APHA 23rd Edition 3111 B
127	CHEMICAL- RESIDUES IN WATER	Ground Water	Arsenic (As)	APHA 23rd Edition 3114 C
128	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium (Cd)	APHA 23rd Edition 3111 B
129	CHEMICAL- RESIDUES IN WATER	Ground Water	Cyanide (CN)	APHA 23rd Edition 4500 CN-C
130	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead (Pb)	APHA 23rd Edition 3111 B
131	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury (Hg)	APHA 23rd Edition 3112 B

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132	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel (Ni)	APHA 23rd Edition 3111 B
133	CHEMICAL- RESIDUES IN WATER	Ground Water	Selenium (Se)	APHA 23rd Edition 3114 B
134	CHEMICAL- RESIDUES IN WATER	Ground Water	Total Chromium (Cr)	APHA 23rd Edition 3111 B
135	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Manganese (Mn)	APHA 23rd Edition 3111 B
136	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Hexavalent Chromium (Cr+6)	IS 3025 (Part 52)
137	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Lead (Pb)	APHA 23rd Edition 3111 B
138	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Mercury (Hg)	APHA 23rd Edition 3112 B
139	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Nickel (Ni)	APHA 23rd Edition 3111 B
140	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Selenium (Se)	APHA 23rd Edition 3114 B
141	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Arsenic (As)	APHA 23rd Edition 3114 C
142	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Cyanide (CN)	IS 3025 (Part 27)
143	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Total Chromium(Cr)	APHA 23rd Edition 3111 B
144	CHEMICAL- RESIDUES IN WATER	Surface Water	Arsenic(As)	APHA 23rd Edition 3114 C
145	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium(Cd)	APHA 23rd Edition 3111 B
146	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead (Pb)	APHA 23rd Edition 3111 B
147	CHEMICAL- RESIDUES IN WATER	Surface Water	Mercury(Hg)	APHA 23rd Edition 3112 B
148	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel (Ni)	APHA 23rd Edition 3111 B
149	CHEMICAL- RESIDUES IN WATER	Surface Water	Selenium	APHA 23rd Edition 3114 B
150	CHEMICAL- RESIDUES IN WATER	Surface Water	Total Chromium (Cr)	APHA 23rd Edition 3111 B

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151	CHEMICAL- RESIDUES IN WATER	Swimming Pool Water	Lead (Pb)	APHA 23rd Edition 3111 B
152	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Phenolic compound (C6H5OH)	IS 3025 (Part 43)
153	CHEMICAL- WATER	Construction Water	Acidity (Volume of 0.02N NaOH required to neutralize 100 ml sample of water using Phenolphthalein)	IS 3025 (Part 22)
154	CHEMICAL- WATER	Construction Water	Alkalinity (Volume of 0.02N H2SO4 required to neutralize 100 ml sample of water using Methyl Orange)	IS 3025 (Part 23)
155	CHEMICAL- WATER	Construction Water	Chloride (Cl)	IS 3025 (Part 32)
156	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 (Part 18)
157	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 (Part 18)
158	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
159	CHEMICAL- WATER	Construction Water	Sulphate (SO3)	IS 3025 (Part 24)
160	CHEMICAL- WATER	Construction Water	Total Suspended Matter	IS 3025 (Part 17)
161	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Wate	Silica (SiO2)	APHA 23rd Edition 4500-SiO2 C
162	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Total Solids	APHA 23rd Edition 2540 B
163	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Inorganic Fixed Solids	APHA 23rd Edition 2540 E
164	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Manganese (Mn)	APHA 23rd Edition 3111 B
165	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Mineral Oil	APHA 23rd Edition 5520 B & F
166	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Organic Volatile Solid	APHA 23rd Edition 2540 E
167	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Temperature	IS 3025 (Part 9)
168	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Acidity	IS 3025 (Part 22)
169	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Aluminum (Al)	APHA 23rd Edition 3500 Al- B
170	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Ammonia (NH3)	IS 3025 (Part 34)
171	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Ammoniacal Nitrogen	IS 3025 (Part 34)
172	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Bicarbonate (HCO3)	IS 3025 (Part 51)
173	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Boron (B)	IS 3025 (Part 57)
174	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Calcium (Ca)	IS 3025 (Part 40)
175	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Chloramine (Cl2)	IS 3025 (Part 26)
176	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Chloride (Cl)	IS 3025 (Part 32)

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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
177	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Fluoride (F)	APHA 23rd Edition 4500-F D
178	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Hexavalent Chromium (Cr+6)	IS 3025 (Part 52)
179	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Iron (Fe)	APHA 23rd Edition 3111 B
180	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Magnesium (Mg)	IS 3025 (Part 46)
181	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Nitrate (NO3)	APHA 23rd Edition 4500-NO3 B
182	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Nitrite (NO2)	APHA 23rd Edition 4500-NO2 B
183	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Odor	IS 3025 (Part 5)
184	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	pH	IS 3025 (Part 11)
185	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Phosphate (PO4)	APHA 23rd Edition 4500-P D
186	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Potassium (K)	IS 3025 (Part 45)
187	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Residual Free Chlorine (Cl2)	IS 3025 (Part 26)
188	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Silver (Ag)	APHA 23rd Edition 3111 B
189	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Sodium (Na)	IS 3025 (Part 45)
190	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Specific conductivity	IS 3025 (Part 14)
191	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Sulphate (SO4)	IS 3025 (Part 24)
192	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Sulphite (SO3)	IS 3025 (Part 28)
193	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
194	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Total dissolved solids	IS 3025 (Part 16)
195	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Total Hardness as CaCO3	IS 3025 (Part 21)
196	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Turbidity	IS 3025 (Part 10)
197	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Zinc (Zn)	APHA 23rd Edition 3113 B
198	CHEMICAL- WATER	Dialysis Water/Reagent Water/Demineralised Water	Carbonate (CO3)	IS 3025 (Part 51)
199	CHEMICAL- WATER	Drinking Water	Aluminum (Al)	APHA 23 rd Edition 3500- Al .B
200	CHEMICAL- WATER	Drinking Water	Boron (B)	IS 3025 (Part 57)
201	CHEMICAL- WATER	Drinking Water	Copper (Cu)	APHA 23rd Edition 3111 B
202	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 23rd Edition 3111 B
203	CHEMICAL- WATER	Drinking Water	Lead as Pb	APHA 23rd Edition 3111 B
204	CHEMICAL- WATER	Drinking Water	Manganese (Mn)	APHA 23rd Edition 3111 B
205	CHEMICAL- WATER	Drinking Water	Silver (Ag)	APHA 23rd Edition 3111 B
206	CHEMICAL- WATER	Drinking Water	Sulphide as S	IS 3025 (Part-29)

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
207	CHEMICAL- WATER	Drinking Water	Zinc (Zn)	APHA 23rd Edition 3111 B
208	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Alkalinity as CaCO3 (Phenolphthalein and Total)	IS 3025 (Part 23)
209	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Acidity	APHA 23rd Edition 2320 B
210	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Acidity	IS 3025 (Part 22)
211	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Ammonia as NH3	IS 3025 (Part 34)
212	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Ammonical Nitrogen as N	IS 3025 (Part 34)
213	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Calcium as Ca	IS 3025 (Part 40)
214	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Carbonate & Bicarbonate	IS 3025 (Part 51)
215	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Chloramines as Cl2	APHA 23rd Edition 4500 Cl-G
216	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Chloride (Cl)	IS 3025 (Part 32)
217	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Electrical conductivity	IS 3025 (Part 14)
218	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Fluoride (F)	APHA 23rd Edition 4500-F D
219	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Free Residual Chlorine	IS 3025 (Part 26)
220	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Inorganic Fixed Solids	APHA 23rd Edition 2540-E
221	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Magnesium (Mg)	APHA 23rd Edition 3500-Mg- B
222	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Magnesium (Mg)	IS 3025 (Part 46)
223	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Mineral Oil	APHA 23rd. Edition 5520 B & F
224	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Nitrate (NO3)	APHA 23rd Edition-4500 B
225	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Nitrite (NO2)	IS 3025 (Part 34)
226	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Odour	IS 3025 (Part 5)
227	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Organic Volatile Solid	APHA 23rd Edition 2540 E
228	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	pH	IS: 3025 (Part 11)
229	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Phenolic compound (C6H5OH)	IS 3025 (Part 43, Section 1)
230	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Phosphate (PO4)	APHA 23rd Edition 4500-P C
231	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Potassium (K)	IS 3025 (Part 45)
232	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Silica (SiO2)	APHA 23rd Edition-4500 D
233	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Silica (SiO2)	IS 3025 (Part 35)
234	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Sodium (Na)	IS 3025 (Part 45)
235	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Specific Conductivity	APHA 23rd Edition 2510 B
236	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Sulfate (SO4)	APHA 23rd Edition 4500-E

SCOPE OF ACCREDITATION

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237	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Sulfate (SO4)	IS 3025 (Part 24)
238	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Sulphide	IS 3025 (Part 29)
239	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Sulphite (SO3)	IS 3025 (Part 28)
240	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Taste	IS 3025 (Part 7)
241	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Temperature	IS 3025 (Part 9)
242	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320-B
243	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Total Dissolved Solids	IS 3025 (Part 16)
244	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Total Hardness as CaCO3	IS 3025 (Part 21)
245	CHEMICAL- WATER	Drinking Water/RO Water/Potable Water	Turbidity	IS 3025 (Part 10)
246	CHEMICAL- WATER	Ground Water	Aluminium (Al)	APHA 23rd Edition 3500 Al-B
247	CHEMICAL- WATER	Ground Water	Boron (B)	APHA 23rd Edition 4500-B B
248	CHEMICAL- WATER	Ground Water	Copper (Cu)	APHA 23rd Edition 3111 B
249	CHEMICAL- WATER	Ground Water	Iron (Fe)	APHA 23rd Edition 3111 B
250	CHEMICAL- WATER	Ground water	Manganese (Mn)	APHA 23rd Edition 3111 B
251	CHEMICAL- WATER	Ground Water	Potassium (K)	IS 3025 (Part 45)
252	CHEMICAL- WATER	Ground Water	Sodium (Na)	IS 3025 (Part 45)
253	CHEMICAL- WATER	Ground Water	Sulfate (SO4)	IS 3025 (Part 24)
254	CHEMICAL- WATER	Ground Water	Sulfide (S)	IS 3025 (Part 29)
255	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
256	CHEMICAL- WATER	Ground Water	Zinc (Zn)	APHA 23rd Edition 3113 B
257	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Ammoniacal Nitrogen (N)	APHA 23rd Edition 4500 B
258	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Calcium (Ca)	IS 3025 (Part 40)
259	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Carbonate & Bicarbonate	IS 3025 (Part 51)
260	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Chloramine (Cl2)	IS 3025 (Part 26)
261	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Chloride (Cl)	IS 3025 (Part 32)
262	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Fluoride (F)	APHA 23rd Edition 4500-F D
263	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Hexavalent Chromium (Cr+6)	IS 3025 (Part 52)
264	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Magnesium (Mg)	IS 3025 (Part 46)
265	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Mineral Oil	APHA 23rd Edition 5520 B & F
266	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Nitrate (NO3)	APHA 23rd Edition 4500 NO3-B

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267	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Nitrite (NO2)	APHA 23rd Edition 4500-NO2 B
268	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Odour	IS 3025 (Part 5)
269	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	pH	IS 3025 (Part 11)
270	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Phenolic compounds (C6H5OH)	APHA 23rd Edition 5530-B, C & E
271	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Phosphate (PO4)	IS 3025(Part 31, Section 1)
272	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Residual Free Chlorine (Cl2)	IS 3025 (Part 26)
273	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Silica (SiO2)	APHA 23rd Edition 4500-SiO2 C
274	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Specific conductivity	IS 3025 (Part 14)
275	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Sulphite (SO3)	IS 3025 (Part 28)
276	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Taste	IS 3025 (Part 7)
277	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Temperature	IS 3025 (Part 9)
278	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
279	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Total Dissolved Solids	IS 3025 (Part 16)
280	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Total Hardness as CaCO3	IS 3025 (Part 21)
281	CHEMICAL- WATER	Ground Water/Bore well Water/Tube Well Water	Total Solids	IS 3025 (Part 15)
282	CHEMICAL- WATER	Ground Water/BoreWell Water/TubeWell Water	Acidity	IS 3025 (Part 22)
283	CHEMICAL- WATER	Packaged Drinking Water	Aluminium (Al)	APHA 23rd Edition 3500-Al B
284	CHEMICAL- WATER	Packaged Drinking Water	Boron (B)	APHA 23rd Edition 4500-B B
285	CHEMICAL- WATER	Packaged Drinking Water	Copper (Cu)	APHA 23rd Edition 3111 B
286	CHEMICAL- WATER	Packaged Drinking Water	Iron (Fe)	APHA 23rd Edition 3111 B
287	CHEMICAL- WATER	Packaged Drinking Water	Silver (Ag)	APHA 23rd Edition 3111 B
288	CHEMICAL- WATER	Packaged Drinking Water	Zinc (Zn)	APHA 23rd Edition 3113 B
289	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Total Solids	APHA 3rd Edition 2540-B
290	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Carbonate as CO3	APHA 23rd Edition 2320-B
291	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Inorganic Fixed Solids	APHA 23rd Edition 2540-E
292	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Mineral Oil	APHA 23rd Edition 5520 B & F
293	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Organic Volatile Solid	APHA 23rd Edition 2540-E
294	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Total Hardness as CaCO3	IS 3025 (Part 21)
295	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Acidity	IS 3025 (Part 22)

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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
296	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Alkalinity as CaCO3 (Phenolphthalein and Total)	IS 3025 (Part 23)
297	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Ammonia (NH3)	IS 3025 (Part 34)
298	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Ammoniacal Nitrogen	IS 3025 (Part 34)
299	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Bicarbonate (HCO3)	APHA 23rd Edition 2320-B
300	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Calcium (Ca)	IS 3025 (Part 40)
301	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Chloramine (Cl2)	IS 3025 (Part 26)
302	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Chloride (Cl)	IS 3025 (Part 32)
303	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Magnesium (Mg)	IS 3025 (Part 46)
304	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Nitrate (NO3)	APHA 23rd Edition 4500 NO3-B
305	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Nitrite (NO2)	APHA 23rd Edition 4500 NO2-B
306	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Odor	IS 3025 (Part 5)
307	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	pH	IS 3025 (Part 11)
308	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Phenolic compound (C6H5OH)	IS 3025 (Part 43, Section 1)
309	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Phosphate (PO4)	APHA 23rd Edition 4500-P D
310	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Potassium (K)	IS 3025 (Part 45)
311	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Residual Free Chlorine (Cl2)	IS 3025 (Part 26)
312	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Silica (SiO2)	APHA 23rd Edition 4500-SiO2 C
313	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Sodium (Na)	IS 3025 (Part 45)
314	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Specific conductivity	IS 3025 (Part 14)
315	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Sulphate (SO4)	IS 3025 (Part 24)
316	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Sulphide (S)	IS 3025 (Part 29)
317	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Sulphite (SO3)	APHA 23rd Edition 4500-SO3 B
318	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Taste	IS 3025 (Part 7)
319	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Temperature	IS 3025 (Part 9)
320	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Total dissolved solids	IS 3025 (Part 16)
321	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Turbidity	IS 3025 (Part 10)
322	CHEMICAL- WATER	Packaged Drinking water/ Packaged Natural Mineral Water	Fluoride (F)	APHA 23rd Edition 4500-F D
323	CHEMICAL- WATER	Surface Water	Ammonia	IS 3025 (Part 34)
324	CHEMICAL- WATER	Surface Water	Phosphate (PO4)	APHA 23rd Edition 4500-P D
325	CHEMICAL- WATER	Surface Water	Phosphate (PO4)	IS 3025 (Part 31)

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326	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3 (Phenolphthalein and Total)	IS 3025 (Part 23)
327	CHEMICAL- WATER	Surface Water	Aluminum (Al)	APHA 23rd Edition 3500-Al B
328	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	APHA 23rd Edition 4500-NH3 C
329	CHEMICAL- WATER	Surface Water	Biochemical Demand (B.O.D)	APHA 23rd Edition 5210 B
330	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand BOD (for 03 days at 27 °C)	IS 3025 (Part 44)
331	CHEMICAL- WATER	Surface Water	Boron (B)	IS 3025 (Part 57)
332	CHEMICAL- WATER	Surface Water	Calcium (Ca)	IS 3025 (Part 40)
333	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
334	CHEMICAL- WATER	Surface Water	Chloride (Cl)	IS 3025 (Part 32)
335	CHEMICAL- WATER	Surface Water	Copper (Cu)	APHA 23rd Edition 3111 B
336	CHEMICAL- WATER	Surface Water	Cyanide	APHA 23rd Edition 4500 C
337	CHEMICAL- WATER	Surface Water	Cyanide	IS 3025 (Part 27)
338	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
339	CHEMICAL- WATER	Surface Water	Electrical conductivity	IS 3025 (Part 14)
340	CHEMICAL- WATER	Surface Water	Fluoride (F)	APHA 23rd Edition 4500-F D
341	CHEMICAL- WATER	Surface Water	Free carbon dioxide	APHA 23rd Edition 4500 CO2 C
342	CHEMICAL- WATER	Surface Water	Hexavalent Chromium (Cr+6)	IS 3025 (Part 52)
343	CHEMICAL- WATER	Surface Water	Iron (Fe)	APHA 23rd Edition 3111 B
344	CHEMICAL- WATER	Surface Water	Magnesium (Mg)	IS 3025 (Part 46)
345	CHEMICAL- WATER	Surface Water	Manganese (Mn)	APHA 23rd Edition 3111 B
346	CHEMICAL- WATER	Surface Water	Mineral Oil	APHA 23rd Edition 5520 B & F
347	CHEMICAL- WATER	Surface Water	Nitrate (NO3)	APHA 23rd Edition 4500-NO3 B
348	CHEMICAL- WATER	Surface Water	Nitrite (NO2)	IS 3025 (Part 34)
349	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
350	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition 5520 B
351	CHEMICAL- WATER	Surface Water	Oil & Grease	IS 3025 (Part 39)
352	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
353	CHEMICAL- WATER	Surface Water	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 5530-C

SCOPE OF ACCREDITATION

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354	CHEMICAL- WATER	Surface Water	Phenolic Compounds (as C6H5OH)	IS 3025 (Part 43)
355	CHEMICAL- WATER	Surface Water	Potassium	IS 3025 (Part 45)
356	CHEMICAL- WATER	Surface Water	Residual Free Chlorine (Cl2)	IS 3025 (Part 26)
357	CHEMICAL- WATER	Surface Water	Settleable Solids	APHA 23rd Edition 2540 F
358	CHEMICAL- WATER	Surface Water	Silica (SiO2)	IS 3025 (Part 35)
359	CHEMICAL- WATER	Surface Water	Silver (Ag)	APHA 23rd Edition 3111 B
360	CHEMICAL- WATER	Surface Water	Sodium (Na)	IS 3025 (Part 45)
361	CHEMICAL- WATER	Surface Water	Sulphate (SO4)	APHA 23rd Edition 4500-SO4 E
362	CHEMICAL- WATER	Surface Water	Sulphide (H2S)	IS 3025 (Part 29)
363	CHEMICAL- WATER	Surface Water	Sulphite (SO3)	IS 3025 (Part 28)
364	CHEMICAL- WATER	Surface Water	Temperature	IS 3025 (Part 9)
365	CHEMICAL- WATER	Surface Water	Total Solids	IS 3025 (Part 15)
366	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition 2540-C
367	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part 16)
368	CHEMICAL- WATER	Surface water	Total Hardness as CaCO3	IS 3025 (Part 21)
369	CHEMICAL- WATER	Surface Water	Total Kjeldhal Nitrogen (TKN)	APHA 23rd Edition 4500-Norg B
370	CHEMICAL- WATER	Surface Water	Total suspended solids	APHA 23rd Edition 2540 D
371	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (Part 17)
372	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
373	CHEMICAL- WATER	Surface Water	Volatile Solid	APHA 23rd Edition 2540 G
374	CHEMICAL- WATER	Surface Water	Zinc (Zn)	APHA 23rd Edition 3111 B
375	CHEMICAL- WATER	Swimming Pool Water	Chloride (Cl)	IS 3025 (Part 32)
376	CHEMICAL- WATER	Swimming Pool Water	Odour	IS 3025 (Part 5)
377	CHEMICAL- WATER	Swimming Pool Water	Oxygen absorbed in 4 hrs.	IS 3025 (Part 63)
378	CHEMICAL- WATER	Swimming Pool Water	pH	IS 3025 (Part 11)
379	CHEMICAL- WATER	Swimming Pool Water	Taste	IS 3025 (Part 8)
380	CHEMICAL- WATER	Swimming Pool Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
381	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids	IS 3025 (Part 16)
382	CHEMICAL- WATER	Swimming Pool Water	Total Residual Chlorine	IS 3025 (Part 26)
383	CHEMICAL- WATER	Swimming Pool Water	Turbidity	IS 3025 (Part 10)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	PHOTRON LABORATORIES PRIVATE LIMITED, PLOT NO. G-19, KH. NO. 76/7 AND 76/14, LAXMI PARK, NANGLOI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11512	**Page No**	17 of 17
Validity	29/03/2023 to 28/03/2025	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
384	CHEMICAL- WATER	Water for Swimming Pool	Aluminum (Al)	APHA 23rd Edition 3500-Al B
385	CHEMICAL- WATER	Water for Swimming Pool	Iron (Fe)	APHA 23rd Edition 3111 B

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.