National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PRECITECH LABORATORIES PVT. LTD., 1ST FLOOR BHANUJYOT COMPLEX, PLOT NO. C5/27, VAPI, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 22/12/2022 to 21/12/2024 **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	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitoring (By Air Sampler for 10 Minutes)	Total Aerobic Microbial Count	IS 5402
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitoring (By Air Sampler for 10 Minutes)	Total Yeast and Mould	IS 5403: 1999
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water (Industrial Waste water)	E.coli	APHA 23rd Ed.9221 F
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water (Industrial Waste water)	Fecal Coliform	APHA 23 rd Ed.9222D
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water (Industrial Waste water)	Fecal Streptococci	APHA 23rd Ed.9230B
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water (Industrial Waste water)	Heterotrophic Plate Count/ Aerobic microbial count/ Total Viable count/Total Plate count/ Standard Plate Count / Total bacterial count/ Aerobic bacterial count/Aerobic Plate Count at 35°C	APHA 23 rd Ed.9215C
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water (Industrial Waste water)	Heterotrophic Plate Count/ Total Plate Count/ Plate Count/ Aerobic microbial count/ Total Viable count/ Standard Plate Count / Total bacterial count/ Aerobic bacterial count/Aerobic Plate Count at 20-28°C	APHA 23rd Ed.9215C
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water (Industrial Waste water)	Total Aerobic Microbial Count 20 - 22°C	IS 5402
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water (Industrial Waste water)	Total Aerobic Microbial Count 37°C	IS 5402
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water (Industrial Waste water)	Total Coliform	APHA 23rd Edn.9221B
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage Water	E.coli	APHA 23rd Ed.9221 F

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12	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage Water	Fecal Coliform	APHA 23 rd Ed.9222D
13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage Water	Fecal Streptococci	APHA 23 rd Ed.9230B
14	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage Water	Total Coliform	APHA 23rd Ed.9221
15	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab (Area 5 x 5 cm)	Total Yeast and Mould	IS 5403 :1999
16	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab (Area 5 x 5 cm)	Total Aerobic Microbial Count	IS 5402
17	BIOLOGICAL- WATER	Drinking Water	Total Aerobic Microbial Count 20-22°C	IS 5402
18	BIOLOGICAL- WATER	Drinking Water	Total Aerobic Microbial Count 37° C	IS 5402
19	BIOLOGICAL- WATER	Drinking Water	Total Yeast and Mould	IS 5403
20	BIOLOGICAL- WATER	Food grade water	E. coli	APHA23rd Ed. 9221B
21	BIOLOGICAL- WATER	Food grade water	E. coli	IS 15185
22	BIOLOGICAL- WATER	Food grade water	E. coli	IS 1622
23	BIOLOGICAL- WATER	Food grade water	Faecal streptococci	IS 15186
24	BIOLOGICAL- WATER	Food grade water	Faecal streptococci	IS 1622
25	BIOLOGICAL- WATER	Food grade water	Fecal coliform	IS 1622
26	BIOLOGICAL- WATER	Food Grade Water	Total Aerobic Microbial Count 20-22°C	IS 5402
27	BIOLOGICAL- WATER	Food Grade Water	Total Aerobic Microbial Count 37°C	IS 5402
28	BIOLOGICAL- WATER	Food grade water	Total Coliform count	APHA23rd Ed. 9221B
29	BIOLOGICAL- WATER	Food grade water	Total Coliform count	IS 15185
30	BIOLOGICAL- WATER	Food grade water	Total Coliform count	IS 1622
31	BIOLOGICAL- WATER	Food grade water	Total Yeast and Mould	IS 5403
32	BIOLOGICAL- WATER	Gound water, Surface wate	E. coli	IS 1622
33	BIOLOGICAL- WATER	Gound water, Surface water	Faecal streptococci	IS 15186

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34	BIOLOGICAL- WATER	Gound water, Surface water	Fecal coliform	APHA 23 rd Ed.9222D
35	BIOLOGICAL- WATER	Gound water, Surface water	Total Coliform count	IS 1622
36	BIOLOGICAL- WATER	Gound water, Surface water	Total Yeast and Mould	IS 5403
37	BIOLOGICAL- WATER	Gound water, Surface water	E. coli	IS 15185
38	BIOLOGICAL- WATER	Gound water, Surface water	E. coli	IS 1622
39	BIOLOGICAL- WATER	Gound water, Surface water	Faecal streptococci	IS 1622
40	BIOLOGICAL- WATER	Gound water, Surface water	Fecal coliform	IS 1622
41	BIOLOGICAL- WATER	Gound water, Surface water	Total Coliform count	IS 15185
42	BIOLOGICAL- WATER	Ground water, Surface water	E. coli	APHA 23rd Ed. 9221B
43	BIOLOGICAL- WATER	Ground water, Surface water	E. coli	IS 15185
44	BIOLOGICAL- WATER	Ground Water, Surface Water	Total Aerobic Microbial Count 37°C	IS 5402
45	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total Aerobic Microbial Count 20-22°C	IS 5402
46	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total Coliform count	APHA23rd Ed. 9221B
47	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total Yeast and Mould	IS 15188
48	BIOLOGICAL- WATER	Natural mineral water	E. coli	IS 15185
49	BIOLOGICAL- WATER	Natural mineral water	Faecal streptococci	IS 15186
50	BIOLOGICAL- WATER	Natural Mineral Water	Total Aerobic Microbial Count 20-22°C	IS 5402
51	BIOLOGICAL- WATER	Natural Mineral Water	Total Aerobic Microbial Count 37°C	IS 5402
52	BIOLOGICAL- WATER	Natural mineral water	Total Coliform count	APHA23rd Ed. 9221B
53	BIOLOGICAL- WATER	Natural mineral water	Total Coliform count	IS 15185
54	BIOLOGICAL- WATER	Natural mineral water	Total Yeast and Mould	IS 5403
55	BIOLOGICAL- WATER	Packaged Drinking Water	E. coli	APHA23rd Ed. 9221B
56	BIOLOGICAL- WATER	Packaged Drinking Water	E. coli	IS 15185
57	BIOLOGICAL- WATER	Packaged Drinking Water	Faecal streptococci	IS 15186
58	BIOLOGICAL- WATER	Packaged Drinking Water	Total Coliform count	APHA23rd Ed. 9221B
59	BIOLOGICAL- WATER	Packaged Drinking Water	Total Coliform count	IS 15185
60	BIOLOGICAL- WATER	Packaged Drinking Water	Total Yeast and Mould	IS 5403

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61	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	Air Standard Methods of Air Sampling and Analysis 3rd edition 1988, method no.401
62	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS 5182 (Part 11)
63	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Disulphide as CS2	IS 5182 (Part 20)
64	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide	IS 5182 (Part 10)
65	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrogen Sulphide as H2S	IS 5182 (Part 07)
66	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	IS 5182 (Part 22)
67	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel	IS 5182 (Part 26)
68	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxides	IS 5182 (Part 6)
69	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part 9)
70	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter / PM-2.5	PL/SOP No. 120 Issue No.05 Issue Date 02/03/2021
71	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Particulate Matter / PM-10	IS 5182 (Part 23)
72	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part 2)
73	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Total Fluoride as HF	IS 5182 (Part 13)
74	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive/ Work Place Emission	Particulate Matter PM 2.5	PL/SOP No. 120 Issue No.05 Issue Date 02/03/2021
75	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Noise Ambient	IS 9989
76	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level Measurement of DG Set and Other Equipment, Instrument and Other Industrials, Residentials Sources	Source Noise, Compressor, All Rotating & Vibrating Machine.	IS 9989
77	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 (Part 6)
78	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)

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79	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Sulphur	IS 11255(Part 2)
80	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
81	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ Process / Vent Emission	Carbon Disulphide as CS2	IS 11255 (Part 04)
82	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ Process / Vent Emission	Carbon Monoxide (CO)	SOP No.258, Issue No.05, Issue Date; March 2021, Electro Chemical Sensor
83	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ Process / Vent Emission	Hydro Carbon (HC)	SOP No.258, Issue No.05, Issue Date; March 2021, Electro Chemical Sensor
84	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ Process / Vent Emission	Hydrogen Sulphide as H2S	IS 11255 (Part 4)
85	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ Process / Vent Emission	Oxygen (O2)	SOP No.258, Issue No.05, Issue Date; March 2021, Electro Chemical Sensor:
86	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ Process / Vent Emission	Temperature	IS 11255 (Part 3)
87	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/ Process / Vent Emission	Velocity & flow	IS 11255 (part 3)
88	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/Process / Vent Emissions	Ammonia as NH3	IS-11255(Part-6)
89	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/Process / Vent Emissions	Oxides of Nitrogen as NOx	IS-11255 (Part-7)
90	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/Process / Vent Emissions	Particulate Matter	IS 11255(Part 1)
91	CHEMICAL- ATMOSPHERIC POLLUTION	Stack/Process / Vent Emissions	Sulphur Dioxide as SOx	IS-11255 (Part-2)
92	CHEMICAL- ATMOSPHERIC POLLUTION	Weather Monitoring	Temperature(°C)	SOP No. 257 Issue No.05 Issue Date March 2021 Wind Monitor
93	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Illumination	IS 6665
94	CHEMICAL- ATMOSPHERIC POLLUTION	Work Place Monitoring	Respirable Dust	NIOSH 600
95	CHEMICAL- ATMOSPHERIC POLLUTION	Work Place Monitoring	Total Dust	NIOSH 500
96	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Chromium as Cr	EPA 3050B Rev. 2

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97	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Chromium as Cr	EPA 7000B Rev. 2
98	CHEMICAL- POLLUTION & ENVIRONMENT	. Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Zinc as Zn	EPA 7000B Rev. 2
99	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Aluminum as Al	APHA 23RD Ed.,2017 - 3500 B
100	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Aluminum as Al	IS 3025 (Part 55)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Cadmium as Cd	APHA 23RD Ed., 2017 - 3111- B
102	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Cadmium as Cd	IS 3025 (Part 41)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Chromium as Cr	APHA 23RD Ed., 2017 - 3111B
104	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Chromium as Cr	IS 3025 (Part 52)
105	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Copper as Cu	APHA 23RD Ed., 2017 - 3111-B
106	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Copper as Cu	IS 3025 (Part 42)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Hexavalent Chromium as Cr6+	APHA 23RD Ed., 2017 - 3500-Cr-B
108	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Lead as Pb	APHA 23RD Ed., 2017 - 3111B
109	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Lead as Pb	IS 3025 (Part 47)
110	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Manganese as Mn	APHA 23RD Ed., 2017 - 3500-Mn, B
111	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Manganese as Mn	IS 3025 (Part 59)
112	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Nickel as Ni	APHA 23RD Ed., 2017 - 3111B
113	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Nickel as Ni	IS 3025 (Part 54)
114	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Iron as Fe	APHA 23RD Ed., 2017 - 3111-B
115	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Iron as Fe	IS 3025 (Part 53)

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116	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Zinc as Zn	APHA 23RD Ed., 2017 - 3111-B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Trace metal elements in Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Zinc as Zn	IS 3025 (Part 49)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Arsenic as As	EPA 7061 A
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Mercury as Hg	EPA 7471 A
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Oil & Grease	EPA 9071B
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP / Sewage water, Waste water, Treated water)	pH value	APHA 23RD Ed., 2017 - 4500 pH
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Ammoniacal Nitrogen	APHA 23RD Ed., 2017 - 4500 NH3, B 4-110 & C 4 - 112
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Biochemical Oxygen Demand (3 days, 27°C)	IS 3025 (Part 44)
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Bromide	USEPA 9211
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Chemical Oxygen Demand (Open reflux method)	APHA 23RD Ed., 2017 - 5220B
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Chloride as Cl	APHA 23RD Ed., 2017 - 4500 Cl. B
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Cyanide as CN-	APHA 23RD Ed., 2017 - 4500 - CN- F
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Dissolved Oxygen	APHA 23RD Ed., 4500-O-C
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Electrical conductivity at 25°C	APHA 23RD Ed., 2017 - 2510-B
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Fluoride as F-	APHA 23RD Ed., 2017 - 4500 F- C-
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Fluoride as F-	EPA 340.2 - 1974
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Nitrate as NO3	IS 3025(Part 34)
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Nitrite as NO2 -	APHA 23RD Ed., 2017 - 4500-NO2
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Oil & Grease	APHA 23RD Ed., 2017 - 5520 B

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135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Phenolic compounds as C6H5OH	APHA 23RD Ed., 2017 - 5530 C
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Potassium as K	APHA 23RD Ed., 2017 - 3500-K, B
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Residual free Chlorine	APHA 23RD Ed., 2017 - 4500 - Cl B
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Sodium as Na	APHA 23RD Ed., 2017 - 3500-Na, B
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Sulphate as SO4 2-	APHA 23RD Ed., 2017 - 4500 SO4 2-E
140	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Temperature	APHA 23RD Ed., 2017 - 2550B
141	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Solids	APHA 23RD Ed., 2017 - 2540 B
142	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Suspended Solids	APHA 23RD Ed., 2017 - 2540-D
143	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Dissolved solids	APHA 23RD Ed., 2017 - 2540 C
144	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Kjeldahl Nitrogen / Total Nitrogen	APHA 23RD Ed.2017, 4500 N-Org-B
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Phosphorous as P	APHA 23RD Ed., 2017 - 4500-P-D
146	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Volatile & Fixed Solids	APHA 23RD Ed., 2017 - 2540 E.
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Turbidity	APHA 23RD Ed., 2017 - 2130 B
148	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP / Sewage water, Waste water, Treated water)	Ammoniacal Nitrogen	IS 3025 (Part 34)
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP / Sewage water, Waste water, Treated water)	pH value	IS 3025(Part 11)
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Borates	IS 13428:2005, IS 3025 (Part 57) 2005
151	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Chemical Oxygen Demand (Open reflux method)	IS 3025 (Part 58)
152	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Chloride as Cl	IS 3025 (Part 32)
153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Cyanide as CN-	IS 3025(Part 27)

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154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Electrical conductivity at 25°C	IS 3025(Part 14)
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Mixed liquor Suspended Solids (MLSS)	APHA 23rd Ed.2540 D
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Mixed liquor volatile suspended Solids (MLVSS)	APHA 23rd Ed., 2540 E
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Nitrite as NO2 -	IS 3025 (Part 34)
158	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Oil & Grease	IS 3025 (Part 39)
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Phenolic compounds as C6H5OH	APHA 23RD Ed., 2017 - 5530 D
160	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Phenolic compounds as C6H5OH	IS 3025 (Part 43)
161	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Potassium as K	IS 3025 (Part 45)
162	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Residual free Chlorine	IS 3025 (Part 26)
163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Sodium as Na	IS 3025 (Part 45)
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Sulphide as S-	APHA 23rd Ed. 4500-S2 C & F
165	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Dissolved solids	IS 3025 (Part 16)
166	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Phosphorous as P	IS 3025 (Part 31)
167	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Solids	IS 3025 (Part 15)
168	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Suspended Solids	IS 3025 (Part 17)
169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Total Volatile & Fixed Solids	IS 3025 (Part 18)
170	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Liquid Effluents, Effluent water, STP water, Waste water, Treated water)	Turbidity	IS 3025 (Part 10)
171	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Arsenic as As	APHA 23rd Ed. 3114 C
172	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Biochemical Oxygen Demand (BOD) (5 days @ 20 deg C)	APHA 23rd Ed. 5210 B

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173	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Free Ammonia	EPA 350.3 1973
174	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Free Ammonia	IS 3025 (Part 34)
175	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Mercury as Hg	APHA 23rd Ed. 3112 B
176	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Sulphite as SO3	APHA 23rd Ed. 4500 SO3 -2B
177	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Sulphite as SO3	IS 3025 (Part 28)
178	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Ash content / Non Volatile matter	IS 10158
179	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Copper as Cu	EPA 3050B Rev. 2
180	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Fixed or Non Volatile Solids	IS 10158
181	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Sulphur as S	ASTM D 4239 – 12 (Method B)
182	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Total Phosphorous a P	IS 10158
183	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Total Solids	USEPA 1311
184	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Total Soluble Solids	IS 2720 (Part 21)
185	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Volatile Solids/Substance	IS 10158
186	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Volatile matter	IS 10158
187	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Water content	IS 2720(Part 2)
188	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Cadmium as Cd	EPA 3050B Rev. 2
189	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Cobalt as Co	EPA 3050B Rev. 2
190	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Electrical Conductivity at 25°C	IS 14767
191	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Gross Calorific Value (GCV)	IS 10158

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192	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Lead as Pb	EPA 3050B Rev. 2 1996
193	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Manganese as Mn	EPA 3050B Rev. 2 1996
194	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Nickel as Ni	EPA 3050B Rev. 2 1996
195	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	pH at 25°C	IS 2720 (Part 26)
196	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Potassium as K	USEPA 3050B Rev. 2 1996
197	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Sodium	USEPA 3050B Rev. 2 1996
198	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Total Iron as Fe	EPA 3050B Rev. 2 1996
199	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Total Kjeldahl Nitrogen	IS 14684
200	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Total Soluble Sulphate	IS 2720(Part 27)
201	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Cadmium as Cd	EPA 7000B Rev. 2
202	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Cobalt as Co	EPA 7000B Rev. 2
203	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Copper as Cu	EPA 7000B Rev. 2
204	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Lead as Pb	EPA 7000B Rev. 2
205	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Manganese as Mn	EPA 7000B Rev. 2 2007
206	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Nickel as Ni	EPA 7000B Rev. 2 2007
207	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Organic matter	IS 2720 (Part 22)
208	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Total Iron as Fe	EPA 7000B Rev. 2 2007
209	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid, Slurry, Sludge/Solid/Semi-Solid)	Zinc as Zn	EPA 3050B Rev. 2

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210	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water	Arsenic as As	APHA 23rd Ed. 3114 C
211	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Aluminum as Al	APHA 23RD Ed., 2017 - 3500 B
212	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Cadmium as Cd	APHA 23RD Ed., 2017 - 3111- B
213	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Iron as Fe	APHA 23RD Ed., 2017 - 3111-B
214	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Lead as Pb	APHA 23RD Ed., 2017 - 3111B
215	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Manganese as Mn	APHA 23RD Ed., 2017 - 3500-Mn, B
216	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Nickel as Ni	APHA 23RD Ed., 2017 - 3111B
217	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Total Chromium as Cr	APHA 23RD Ed., 2017 - 3111B
218	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Zinc as Zn	APHA 23RD Ed., 2017 - 3111-B
219	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water	Cobalt as Co	APHA 23rd Ed.3500-Co
220	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water	Mercury as Hg	APHA 23rd Ed. 3112 B
221	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Aluminum as Al	APHA 23RD Ed., 2017 - 3500 B
222	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Aluminum as Al	IS 3025 (Part 55)
223	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Cadmium as Cd	APHA 23RD Ed., 2017 - 3111- B
224	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Cadmium as Cd	IS 3025 (Part 41)
225	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Chromium as Cr	APHA 23RD Ed., 2017 - 3111B
226	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Copper as Cu	APHA 23RD Ed., 2017 - 3111-B
227	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Copper as Cu	IS 3025 (Part 42)

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228	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Iron as Fe	IS 3025 (Part 53)
229	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Lead as Pb	APHA 23RD Ed., 2017 - 3111B
230	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Lead as Pb	IS 3025 (Part 47)
231	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Manganese as Mn	APHA 23RD Ed., 2017 - 3500-Mn,B
232	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Manganese as Mn	IS 3025 (Part 59)
233	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Nickel as Ni	APHA 23RD Ed., 2017 - 3111B
234	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Nickel as Ni	IS 3025 (Part 54)
235	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Total Chromium as Cr	IS 3025 (Part 52)
236	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Total Iron as Fe	APHA 23RD Ed., 2017 - 3111-B
237	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Zinc as Zn	APHA 23RD Ed., 2017 - 3111-B
238	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Ground Water, Surface water, River Water, Raw Water	Zinc as Zn	IS 3025 (Part 49)
239	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Aluminum as Al	IS 3025 (Part 55)
240	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Cadmium as Cd	IS 3025 (Part 41)
241	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Copper as Cu	APHA 23RD Ed., 2017 - 3111-B
242	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Copper as Cu	IS 3025 (Part 42)
243	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Iron as Fe	IS 3025 (Part 53)
244	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Lead as Pb	IS 3025(Part 47)
245	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Manganese as Mn	IS 3025 (Part 59)
246	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Nickel as Ni	IS 3025 (Part 54)

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247	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Total Chromium as Cr	IS 3025 (Part 52)
248	CHEMICAL- RESIDUES IN WATER	Trace metal elements in Potable Water, Packaged drinking water, Packaged Natural mineral water	Zinc as Zn	IS 3025 (Part 49)
249	CHEMICAL- SOIL AND ROCK	Soil	Cadmium as Cd	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
250	CHEMICAL- SOIL AND ROCK	Soil	Lead as Pb	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
251	CHEMICAL- SOIL AND ROCK	Soil	Arsenic (As)	EPA 7061 A
252	CHEMICAL- SOIL AND ROCK	Soil	Available Boron	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
253	CHEMICAL- SOIL AND ROCK	Soil	Available Nitrogen	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
254	CHEMICAL- SOIL AND ROCK	Soil	Available Phosphorus as P	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
255	CHEMICAL- SOIL AND ROCK	Soil	Available Potassium	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
256	CHEMICAL- SOIL AND ROCK	Soil	Available sulphur as SO4	IS 2720(Part 27)
257	CHEMICAL- SOIL AND ROCK	Soil	Bulk Density	DIRD
258	CHEMICAL- SOIL AND ROCK	Soil	Cation exchange capacity	IS 2720 (Part 24)
259	CHEMICAL- SOIL AND ROCK	Soil	Chromium (Total) as Cr	Department of Agriculture & Cooperation Ministry of Agriculture Government of India

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260	CHEMICAL- SOIL AND ROCK	Soil	Copper as Cu	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
261	CHEMICAL- SOIL AND ROCK	Soil	Electric Conductivity	DIRD
262	CHEMICAL- SOIL AND ROCK	Soil	Iron as Fe	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
263	CHEMICAL- SOIL AND ROCK	Soil	Manganese as Mn	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
264	CHEMICAL- SOIL AND ROCK	Soil	Mercury (Hg)	EPA 7471 A
265	CHEMICAL- SOIL AND ROCK	Soil	Moisture	IS 2720 (Part 2)
266	CHEMICAL- SOIL AND ROCK	Soil	Nickel as Ni	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
267	CHEMICAL- SOIL AND ROCK	Soil	Oil & Grease	EPA 9071 B
268	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
269	CHEMICAL- SOIL AND ROCK	Soil	pH Value	DIRD-Pune
270	CHEMICAL- SOIL AND ROCK	Soil	Phosphorus as P	IS 10158
271	CHEMICAL- SOIL AND ROCK	Soil	Sodium	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
272	CHEMICAL- SOIL AND ROCK	Soil	Sodium Adsorption Ratio	PL/SOP/86 Issue No.:01 Issue date:02/03/2021
273	CHEMICAL- SOIL AND ROCK	Soil	Texture	DIRD

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274	CHEMICAL- SOIL AND ROCK	Soil	Total Kjeldhal Nitrogen as N	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
275	CHEMICAL- SOIL AND ROCK	Soil	Total Organic carbon	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
276	CHEMICAL- SOIL AND ROCK	Soil	Total water soluble solids	IS 2720 (Part 21)
277	CHEMICAL- SOIL AND ROCK	Soil	Water holding capacity	DIRD
278	CHEMICAL- SOIL AND ROCK	Soil	Zinc as Zn	Department of Agriculture & Cooperation Ministry of Agriculture Government of India
279	CHEMICAL- SOLID FUELS	Briquettes	Ash Content	IS 1350 (Part 1)
280	CHEMICAL- SOLID FUELS	Briquettes	Gross Calorific Value (ARB)	IS 1350 (Part 2)
281	CHEMICAL- SOLID FUELS	Briquettes	Gross Calorific Value (ADB)	IS 1350 (Part 2)
282	CHEMICAL- SOLID FUELS	Briquettes	Moisture Content	IS 1350 (Part 1)
283	CHEMICAL- SOLID FUELS	Coal Sample	Ash Content	IS 1350 (Part 1)
284	CHEMICAL- SOLID FUELS	Coal Sample	Gross Calorific Value (ADB)	IS 1350 (Part 2)
285	CHEMICAL- SOLID FUELS	Coal Sample	Moisture Content	IS 1350 (Part 1)
286	CHEMICAL- SOLID FUELS	Coal Sample	Sulphur Content	IS 1448 P:33
287	CHEMICAL- WATER	Surface water, River Wate	Calcium as Ca	APHA 23RD Ed., 2017 - 3500-B
288	CHEMICAL- WATER	Surface water, River Water	Ammonia as NH3	APHA 23RD Ed., 2017 - 4500-NH3:D
289	CHEMICAL- WATER	Surface water, River Water	Borates	IS 13428 IS 3025 (Part 57)
290	CHEMICAL- WATER	Surface water, River Water	Dissolved Oxygen	APHA 23RD Ed., 2017 - 4500-O-C
291	CHEMICAL- WATER	Surface water, River Water	Dissolved Oxygen	IS 3025(Part 38)
292	CHEMICAL- WATER	Surface water, River Water	Electrical conductivity at 25°C	IS 3025(Part 14)
293	CHEMICAL- WATER	Surface water, River Water	Magnesium as Mg	IS 3025(Part 46)
294	CHEMICAL- WATER	Surface water, River Water	Magnesium as Mg	APHA 23RD Ed., 2017 - 3500-Mg-B

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295	CHEMICAL- WATER	Surface water, River Water	Nitrate as NO3 -	APHA 23RD Ed., 2017 - 4500–NO3-B
296	CHEMICAL- WATER	Surface water, River Water	Nitrite as NO2 -	IS 3025(Part 34)
297	CHEMICAL- WATER	Surface water, River Water	Nitrite as NO2 -	APHA 23RD Ed., 2017 - 4500-NO2
298	CHEMICAL- WATER	Surface water, River Water	pH Value	APHA 23RD Ed., 2017 - 4500 pH
299	CHEMICAL- WATER	Surface water, River Water	Phenolic compounds as C6H5OH	IS 3025(Part 43)
300	CHEMICAL- WATER	Surface water, River Water	Phenolic compounds as C6H5OH	APHA 23RD Ed., 2017 - 5530 C
301	CHEMICAL- WATER	Surface water, River Water	Phenolic compounds as C6H5OH	APHA 23RD Ed., 2017 - 5530 D
302	CHEMICAL- WATER	Surface water, River Water	Potassium as K	APHA 23RD Ed., 2017 - 3500-K, B
303	CHEMICAL- WATER	Surface water, River Water	Silica as SiO2	IS 3025(Part 35)
304	CHEMICAL- WATER	Surface water, River Water	Sulphate as SO4 2-	IS 3025(Part 24)
305	CHEMICAL- WATER	Surface water, River Water	Taste	APHA 23RD Ed., 2017 - 2160
306	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Acidity	IS 3025 (Part 22)
307	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Ammonia as NH3	APHA 23RD Ed., 2017 - 4500-NH3
308	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Ammonia as NH3	EPA 350.3 1973
309	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Bicarbonate	IS 3025 (Part 51)
310	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Biochemical Oxygen Demand (BOD) (3 days @ 27 deg C)	IS 3025 (Part 44)
311	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Borates	IS 13428 IS 3025 (Part 57)
312	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Calcium as Ca	IS 3025(Part 40)
313	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Calcium as Ca	APHA 23RD Ed., 2017 - 3500-B
314	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Carbon dioxide	IS 3025 (Part 61)
315	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Carbonate	IS 3025 (Part 51)
316	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Chemical Oxygen Demand	APHA 23rd Ed. 5220 B
317	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Chloride as Cl	APHA 23RD Ed., 2017 - 4500 Cl. B
318	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Chloride as Cl	IS 3025(Part 32)

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319	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Color, (True Color units)	APHA 23RD Ed., 2017 - 2120 B
320	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Color, (True Color units)	APHA 23RD Ed., 2017 - 2120 C
321	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Cyanide as CN-	APHA 23RD Ed., 2017 - 4500-CN- F
322	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Cyanide as CN-	IS 3025 (Part 27)
323	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Dissolved Oxygen	IS 3025(Part 38)
324	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Dissolved oxygen	APHA 23RD Ed., 2017 - 4500-O-C
325	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Electrical conductivity at 25°C	IS 3025(Part 14)
326	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Electrical conductivity at 25°C	APHA 23RD Ed., 2017 - 2510-B
327	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Fluoride as F-	APHA 23RD Ed., 2017 - 4500 F-C-
328	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Magnesium as Mg	IS 3025(Part 46)
329	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Magnesium as Mg	APHA 23RD Ed., 2017 - 3500-Mg-B
330	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Nitrate as NO3 -	APHA 23RD Ed., 2017 - 4500–NO3-B
331	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Nitrite as NO2 -	IS 3025(Part 34)
332	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Nitrite as NO2 -	APHA 23RD Ed., 2017 - 4500-NO2
333	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Odor	APHA 23RD Ed., 2017 - 2150
334	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Oil & Grease	IS 3025(Part 39)
335	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Oil & Grease	APHA 23RD Ed., 2017 - 5520 B
336	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	pH Value	IS 3025(Part 11)
337	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	pH Value	APHA 23RD Ed., 2017 - 4500 pH
338	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Phenolic compounds as C6H5OH	IS 3025(Part 43)
339	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Phenolic compounds as C6H5OH	APHA 23RD Ed., 2017 - 5530 C
340	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Phenolic compounds as C6H5OH	APHA 23RD Ed., 2017 - 5530 D
341	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Potassium as K	IS 3025(Part 45)
342	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Potassium as K	APHA 23RD Ed., 2017 - 3500-K, B

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343	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Residual free Chlorine	IS 3025(Part 26)
344	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Residual free Chlorine	APHA 23RD Ed., 2017 - 4500 – Cl B
345	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Silica as SiO2	IS 3025(Part 35)
346	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Silica as SiO2	APHA 23RD Ed., 2017 - 4500-D.
347	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Sodium as Na	IS 3025(Part 45)
348	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Sodium as Na	APHA 23RD Ed., 2017 – 3500 - Na, B
349	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Sulphate as SO4 2-	IS 3025(Part 24)
350	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Sulphate as SO4 2-	APHA 23RD Ed., 2017 - 4500 SO42 –E
351	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Sulphite as SO3	APHA 23rd Ed.4500 SO3 -2B
352	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Sulphite as SO3	IS: 3025 (Part 28)
353	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Taste	APHA 23rd Ed.2160
354	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Temperature	IS 3025 (Part 9)
355	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total Alkalinity	APHA 23RD Ed., 2017 - 2320 B
356	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total Alkalinity	IS 3025 (Part 23)
357	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total Dissolved solids	APHA 23rd Ed.2540C
358	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total Dissolved solids	IS 3025 (Part 16)
359	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total hardness as CaCO3	APHA 23rd Ed.2340C
360	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total hardness as CaCO3	IS 3025 (Part 21)
361	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total Phosphorous as P	APHA 23rd Ed.4500P-D
362	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total Phosphorous as P	IS 3025 (Part 31)
363	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Total Phosphorous as P	IS 3025 (Part 31)
364	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Turbidity	APHA 23rd Ed.2130B
365	CHEMICAL- WATER	Ground Water, Raw Water, Borewell	Turbidity	IS 3025 (Part 10)
366	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Acidity	IS 3025 (Part 22)
367	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Ammonia	APHA 23RD Ed., 2017 - 4500 - NH3, B&C
368	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Ammonia	IS 3025(Part 34)

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369	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Bicarbonate	IS 3025 (Part 51)
370	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Biochemical Oxygen Demand (BOD) (3 days @ 27 deg C)	IS 3025 (Part 44)
371	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Boron (as B)	IS 3025 (Part 57)
372	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Calcium as Ca	APHA 23RD Ed., 2017 - 3500-B
373	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Calcium as Ca	IS 3025(Part 40)
374	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Carbon dioxide	IS 3025 (Part 61)
375	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Carbonate	IS 3025 (Part 51)
376	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Chemical Oxygen Demand	APHA 23rd Ed. 5220 B
377	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Chloride as Cl	APHA 23RD Ed., 2017 - 4500 Cl. B
378	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Chloride as Cl	IS 3025(Part 32)
379	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Color, (True Color units)	APHA 23RD Ed., 2017 - 2120 B
380	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Color, (True Color units)	APHA 23RD Ed., 2017 - 2120 C
381	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Cyanide as CN-	APHA 23RD Ed., 2017 - 4500 – CN- F
382	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Cyanide as CN-	IS 3025(Part 27)
383	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Fluoride as F-	APHA 23RD Ed., 2017 - 4500 F- C
384	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Fluoride as F-	EPA 340.2 - 1974
385	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Magnesium as Mg	APHA 23RD Ed., 2017 - 3500-Mg-B
386	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Magnesium as Mg	IS 3025 (Part 46)
387	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Nitrate as NO3 -	APHA 23RD Ed., 2017 - 4500 – NO3-B

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388	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Nitrite as NO2 -	IS 3025(Part 34)
389	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Nitrite as NO2 -	APHA 23RD Ed., 2017 - 4500-NO2
390	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Odor	APHA 23RD Ed., 2017 - 2150
391	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	pH value	APHA 23RD Ed., 2017 - 4500 pH
392	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	pH value	IS 3025 (Part 11)
393	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Phenolic compounds as C6H5OH	APHA 23RD Ed., 2017 - 5530 C
394	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Phenolic compounds as C6H5OH	APHA 23RD Ed., 2017 - 5530 D
395	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Phenolic compounds as C6H5OH	IS 3025(Part 43)
396	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Potassium as K	APHA 23RD Ed., 2017 - 3500-K, B
397	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Potassium as K	IS 3025(Part 45)
398	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Residual free Chlorine	APHA 23RD Ed., 2017 - 4500 – Cl B
399	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Residual free Chlorine	IS 3025(Part 26)
400	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Sodium as Na	APHA 23RD Ed., 2017 - 3500-Na, B
401	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Sodium as Na	IS 3025(Part 45)
402	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Sulphate as SO4 2-	APHA 23RD Ed., 2017 - 4500 SO42 –E
403	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Sulphate as SO4 2-	IS 3025(Part 24)
404	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Sulphide as S-	APHA 23 rd Ed.4500-S2C
405	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Sulphite as SO3	APHA 23rd Ed.4500 SO3 -2B
406	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Taste	APHA 23rd Ed. 2160

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407	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Temperature	IS 3025 (Part 9)
408	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Total Alkalinity (as CaCO3)	APHA 23RD Ed., 2017 - 2320 B
409	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Total Alkalinity (as CaCO3)	IS 3025(Part 23)
410	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Total Dissolved solids	APHA 23RD Ed., 2017 - 2540 C IS 3025(Part 16)
411	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Total hardness as CaCO3	APHA 23RD Ed., 2017- 2340 C
412	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Total hardness as CaCO3	IS 3025(Part 21)
413	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Total Phosphorous as P	APHA 23rd Ed.4500P-D
414	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Total Phosphorous as P	IS 3025 (Part 31)
415	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Turbidity	APHA 23rd Ed.2130B
416	CHEMICAL- WATER	Potable Water, Packaged drinking water, Packaged Natural mineral water	Turbidity	IS 3025(Part 10)
417	CHEMICAL- WATER	Reagent Grade Water	Colour retention of KMnO4 at 27°C	IS 1070:1992 (Annex A)
418	CHEMICAL- WATER	Reagent Grade Water	pH at 25°C	APHA 23rd Ed.4500-pH
419	CHEMICAL- WATER	Reagent Grade Water	pH at 25°C	IS 3025 (Part 11)
420	CHEMICAL- WATER	Reagent Grade Water	Silica as SiO2	APHA 23rd Ed.4500-SiO2 D
421	CHEMICAL- WATER	Reagent Grade Water	Silica as SiO2	IS 3025 (Part 35)
422	CHEMICAL- WATER	Reagent Grade Water	Specific conductivity @ 25 °C	IS 3025 (Part 14)
423	CHEMICAL- WATER	Reagent Grade Water	Total solids or Non Volatile residue at 105°C	APHA 23 rd Ed.2540 B
424	CHEMICAL- WATER	Reagent Grade Water	Total solids or Non Volatile residue at 105°C	IS 3025 (Part 15)
425	CHEMICAL- WATER	Surface water, River Wate	Oil & Grease	IS 3025(Part 39)
426	CHEMICAL- WATER	Surface water, River Water	Ammonia as NH3	EPA 350.3 1973
427	CHEMICAL- WATER	Surface water, River Water	Calcium as Ca	IS 3025(Part 40)
428	CHEMICAL- WATER	Surface water, River Water	Chloride as Cl	IS 3025(Part 32)

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429	CHEMICAL- WATER	Surface water, River Water	Chloride as Cl	APHA 23RD Ed., 2017 - 4500 Cl. B
430	CHEMICAL- WATER	Surface water, River Water	Cyanide as CN-	IS 3025 (Part 27)
431	CHEMICAL- WATER	Surface water, River Water	Cyanide as CN-	APHA 23RD Ed., 2017 - 4500-CN- F
432	CHEMICAL- WATER	Surface water, River Water	Electrical conductivity at 25°C	APHA 23RD Ed., 2017 - 2510-B
433	CHEMICAL- WATER	Surface water, River Water	Fluoride as F-	APHA 23RD Ed., 2017 - 4500 F-C-
434	CHEMICAL- WATER	Surface water, River Water	Odor	APHA 23RD Ed., 2017 - 2150
435	CHEMICAL- WATER	Surface water, River Water	Oil & Grease	APHA 23RD Ed., 2017 - 5520 B
436	CHEMICAL- WATER	Surface water, River Water	pH Value	IS 3025(Part 11)
437	CHEMICAL- WATER	Surface water, River Water	Potassium as K	IS 3025(Part 45)
438	CHEMICAL- WATER	Surface water, River Water	Residual free Chlorine	IS 3025(Part 26)
439	CHEMICAL- WATER	Surface water, River Water	Residual free Chlorine	APHA 23RD Ed., 2017 - 4500 – Cl B
440	CHEMICAL- WATER	Surface water, River Water	Silica as SiO2	APHA 23RD Ed., 2017 - 4500-D
441	CHEMICAL- WATER	Surface water, River Water	Sodium as Na	IS 3025(Part 45):
442	CHEMICAL- WATER	Surface water, River Water	Sodium as Na	APHA 23RD Ed., 2017 – 3500 - Na, B
443	CHEMICAL- WATER	Surface water, River Water	Sulphate as SO4 2-	APHA 23RD Ed., 2017 - 4500 SO42 –E
444	CHEMICAL- WATER	Surface water/ River Water	Acidity	IS 3025 (Part 22)
445	CHEMICAL- WATER	Surface water/ River Water	Biochemical Oxygen Demand (BOD) (3 days @ 27 deg C)	IS 3025 (Part 44)
446	CHEMICAL- WATER	Surface water/ River Water	Carbonate	IS 3025 (Part 51)
447	CHEMICAL- WATER	Surface water/ River Water	Chemical oxygen demand	APHA 23rd Ed. 5220 B
448	CHEMICAL- WATER	Surface water/ River Water	Sulphite as SO3	IS: 3025 (Part 28)
449	CHEMICAL- WATER	Surface water/ River Water	Taste	APHA 23rd Ed.2160
450	CHEMICAL- WATER	Surface water/ River Water	Total Alkalinity	APHA 2320B
451	CHEMICAL- WATER	Surface water/ River Water	Total Alkalinity	IS 3025 (Part 23)
452	CHEMICAL- WATER	Surface water/ River Water	Total Dissolved Solids	APHA 23rd Ed.2540C
453	CHEMICAL- WATER	Surface water/ River Water	Total Dissolved Solids	IS 3025 (Part 16)
454	CHEMICAL- WATER	Surface water/ River Water	Total hardness as CaCO3	APHA 23rd Ed.2340C

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455	CHEMICAL- WATER	Surface water/ River Water	Total hardness as CaCO3	IS 3025 (Part 21)
456	CHEMICAL- WATER	Surface water/ River Water	Total Phosphorous as P	APHA 23rd Ed.4500P-D
457	CHEMICAL- WATER	Surface water/ River Water	Total Phosphorous as P	IS 3025 (Part 31)
458	CHEMICAL- WATER	Surface water/ River Water	Turbidity	APHA 23rd Ed.2130B
459	CHEMICAL- WATER	Surface water/ River Water	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.