National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ONE EARTH ENVIRO LABS, 1ST FLOOR, KSIA BUILDING, BAIKAMPADY INDUSTRIAL AREA ROAD, MANGALORE, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, Jawar Flour, Suji, Rava, Maize flour, Raagi flour, Green peas	E. coli	FDA's Bacteriological Analytical Manual (BAM) Chapter 4:
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, Jawar Flour, Suji, Rava, Maize flour, Raagi flour, Green peas	Enumeration of E. coli	IS 5887 (Part 1)
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, Jawar Flour, Suji, Rava, Maize flour, Raagi flour, Green peas	Total Plate Count/Aerobic Plate count	IS 5402: Part 1
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, Jawar Flour, Suji, Rava, Maize flour, Raagi flour, Green peas	Yeast & Mould Count	IS 5403
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, Jawar Flour, Suji, Rava, Maize flour, Raagi flour, Green peas,	Coliform	FDA's Bacteriological Analytical Manual (BAM) Chapter 4:
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, Jawar Flour, Suji, Rava, Maize flour, Raagi flour, Green peas,	Detection of E. coli	IS 5887 (Part 1)
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, Jawar Flour, Suji, Rava, Maize flour, Raagi flour, Green peas,	Detection of Salmonella spp.	IS 5887 (Part 3):Sec 1
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, Jawar Flour, Suji, Rava, Maize flour, Raagi flour, Green peas,	Detection of Staphylococcus aureus	IS 5887 part 2
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs Spices and Condiments (Whole, Powdered and Blended) Chili powder, Pepper, Garam Masala, Turmeric powder, Coriander Powder, Cashew nuts	Detection of Salmonella spp.	IS 5887 (Part 3): Sec 1
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs Spices and Condiments (Whole, Powdered and Blended) Chili powder, Pepper, Garam Masala, Turmeric powder, Coriander Powder, Cashew nuts	Coliform	FDA's Bacteriological Analytical Manual (BAM) Chapter 4:
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs Spices and Condiments (Whole, Powdered and Blended) Chili powder, Pepper, Garam Masala, Turmeric powder, Coriander Powder, Cashew nuts	Detection of E. coli	IS 5887 (Part 1)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs Spices and Condiments (Whole, Powdered and Blended) Chili powder, Pepper, Garam Masala, Turmeric powder, Coriander Powder, Cashew nuts	Detection of Staphylococcus aureus	IS 5887 part 2
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs Spices and Condiments (Whole, Powdered and Blended) Chili powder, Pepper, Garam Masala, Turmeric powder, Coriander Powder, Cashew nuts	E. coli	FDA's Bacteriological Analytical Manual (BAM) Chapter 4:

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14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs Spices and Condiments (Whole, Powdered and Blended) Chili powder, Pepper, Garam Masala, Turmeric powder, Coriander Powder, Cashew nuts	Enumeration of E. coli	IS 5887 (Part 1)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs Spices and Condiments (Whole, Powdered and Blended) Chili powder, Pepper, Garam Masala, Turmeric powder, Coriander Powder, Cashew nuts	Yeast & Mould Count	IS 5403
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices and condiments (Whole, powdered and blended), Chili powder, Pepper, Garam Masala, Turmeric powder, Coriander Powder, Cashew nuts	Total Plate Count/Aerobic Plate count	IS 5402: Part 1
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Cook, Ready to Eat, Ready to Serve	Coliform	FDA's Bacteriological Analytical Manual (BAM) Chapter 4:
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Cook, Ready to Eat, Ready to Serve	Detection of E. coli	IS 5887 (Part 1)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Cook, Ready to Eat, Ready to Serve	Detection of Salmonella spp.	IS 5887 (Part 3): Sec 1
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Cook, Ready to Eat, Ready to Serve	Detection of Staphylococcus aureus	IS 5887 part 2
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Cook, Ready to Eat, Ready to Serve	E. coli	FDA's Bacteriological Analytical Manual (BAM) Chapter 4:
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Cook, Ready to Eat, Ready to Serve	Enumeration of E. coli	IS 5887 (Part 1)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Cook, Ready to Eat, Ready to Serve	Total Plate Count/Aerobic Plate count	IS 5402:Part 1
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Cook, Ready to Eat, Ready to Serve	Yeast & Mould Count	IS 5403
25	BIOLOGICAL- WATER	potable, Drinking ,Surface ,Borewell, Processed water	Detection of E.coli	IS 15185:
26	BIOLOGICAL- WATER	Potable, Drinking water,Surface, Bore well,Processed	Detection of Coliforms	IS 15185
27	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	E.coli	APHA 23rd Ed 9221G:
28	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Enumeration of E.coli	IS 15185:
29	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Fecal colifom	APHA 23rd Ed 9222D
30	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Fecal Coliform	APHA 23rd Ed. 9221E

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31	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Fecal Enterococcus/ Streptococcus (MFT)	IS 15186:
32	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Heterotrophic Plate count @ 22ºC	APHA 23rd Ed 9215A
33	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Heterotrophic Plate count @35ºC	APHA 23rd Ed. 9215A
34	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Salmonella	IS 15187
35	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Total Coliform	APHA 23rd Ed 9221-B
36	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Total Coliforms	IS 15185
37	BIOLOGICAL- WATER	Potable, Drinking, Surface, Borewell, Processed water	Yeast and Mold count	APHA 23rd Ed. 9610 B
38	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	IS 5182 Part 25
39	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic (As)	CPCB Vol I, Page 47 - AAS VGA Method: 2011
40	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzene	IS 5182 (Part 11): GC Method
41	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo(a)pyrene (BaP)	IS 5182 (Part 12): 2004, GC Method RA
42	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide (CO)	Gas Analyzer OP Manual - OELISOP/AAQ/A/10 dated 20.09.20
43	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS:5182 (Part 22)
44	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel (Ni)	IS 5182(Part 26)
45	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS 5182 (Part VII)
46	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS 5182 (Part 9)
47	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size less than 10µm) or PM10	IS 5182 (Part 23)
48	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size less than 2.5 µm) or PM2.5	IS 5182 (Part 24)
49	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
50	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level Monitoring & Sound Pressure Level	Equivalent Noise Level, Lmax, Lmin	IS 9989

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51	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide	Flue Gas Analyzer Op Manual OEL/SOP/AAQ/T/006 dated 20.09.20
52	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide	Flue Gas Analyzer Op Manual OEL/SOP/AAO/T/006 dated 20.09.20
53	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	SOP No. OEL/SOP/AAQ/T/003 Issue No. 2, Dated 20.09.2020, Flue Gas Analyzer Op Manual
54	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen	Flue Gas Analyzer Op Manual OEL/SOP/AAQ/T/006 dated 20.09.20
55	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate matter	IS 11255 (Part 1)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	SOP No. OEL/SOP/AAQ/T/004 Dated 20.09.2020 / Flue Gas Analyzer Op
57	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Velocity of Flue Gas Discharged	IS 11255 (Part 3)
58	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Volume of Flue gas Discharged	IS 11255 (Part3)
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta (Wheat), Semolina (Suji)/ Multigrain flour	Acid Insoluble Ash	IS 1155
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta (Wheat), Semolina (Suji)/ Multigrain flour	Alcoholic Acidity	IS 1155
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta (Wheat), Semolina (Suji)/ Multigrain flour	Crude Fibre	IS 1155
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta (Wheat), Semolina (Suji)/ Multigrain flour	Gluten	IS 1155
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta (Wheat), Semolina (Suji)/ Multigrain flour	Moisture	IS 1155
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta (Wheat), Semolina (Suji)/ Multigrain flour	Protein	IS 7219

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65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta (Wheat), Semolina (Suji)/ Multigrain flour	Total Ash	IS 1155
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Fortified Maida, Protein Rich Maida	Acid Insoluble Ash	IS 1009
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Fortified Maida, Protein Rich Maida	Alcoholic Acidity	IS 1009
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Fortified Maida, Protein Rich Maida	Gluten	IS 1009
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Fortified Maida, Protein Rich Maida	Moisture	IS 1009
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Fortified Maida, Protein Rich Maida	Protein	IS 7219
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Fortified Maida, Protein Rich Maida	Total Ash	IS 1009
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Food / Processed Food Products / Mixed food Grain Preparation / Proprietary food/Raw Food materials	Acid insoluble Ash	IS12711
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Food / Processed Food Products / Mixed food Grain Preparation / Proprietary food/Raw Food materials	Alcoholic Acidity	IS12711
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Food / Processed Food Products / Mixed food Grain Preparation / Proprietary food/Raw Food materials	Crude Fibre	IS12711
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Food / Processed Food Products / Mixed food Grain Preparation / Proprietary food/Raw Food materials	Fat	IS12711
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Food / Processed Food Products / Mixed food Grain Preparation / Proprietary food/Raw Food materials	Moisture	IS 12711
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Food / Processed Food Products / Mixed food Grain Preparation / Proprietary food/Raw Food materials	Protein	IS 7219
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Food / Processed Food Products / Mixed food Grain Preparation / Proprietary food/Raw Food materials	Total Ash	IS12711

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79	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Aluminium (as Al)	IS 3025 (Part 55 a)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Ammoniacal Nitrogen as NH3-N	IS 3025 (Part 34, C)
81	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Antimony (as Sb)	IS 13428 Annex G Amd.7
82	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Arsenic (as As)	IS 3025 (Part 37,2)
83	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Barium (as Ba)	IS15302
84	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Bicarbonate Alkalinity	IS 3025 (Part 23)
85	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Biochemical oxygen Demand	IS 3025 (Part 44)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Boron as B	IS 3025 (Part 57b)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Cadmium (as Cd)	IS 3025 (Part 41b)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Calcium as ca	IS 3025 (Part 40 a)
89	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Carbonate Alkalinity	IS 3025 (Part 23)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Chemical Oxygen Demand	IS 3025 (Part 58)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Chloride as Cl	IS 3025 (Part 32,2)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Chlorine, Residual	IS 3025 (Part 26, a)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Chromium as Cr	IS 13428 Annexure J, Amd.7
94	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Colour	IS 3025 (Part 4a):
95	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Conductivity	IS 3025 (Part 14)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Copper (as Cu)	IS 3025 (Part 42a)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Cyanide (as CN)	APHA 23rd EDITION - 4500 E

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98	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Dissolved Iron as Fe	IS 3025 (Part 53 a)
99	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Dissolved Oxygen	IS 3025(Part 38,4.1)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Fixed Solids	IS 3025 (Part I8)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Hexavalent Chromium as Cr+6	IS 3025 (Part 52)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Lead (as Pb)	IS 3025 (Part 47b)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	M Alkalinity	IS 3025 (Part 23)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Magnesium as Mg	IS 3025 (Part 46)
105	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Manganese (as Mn)	APHA 23rd EDITION - 3500-Mn B
106	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Mercury (as Hg)	IS 3025 (Part 48a)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Nickel (as Ni)	IS 3025 (Part 54)
108	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Nitrate as NO3	IS 3025 (Part 34 3C)
109	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Nitrite as NO2	APHA 23rd EDITION - 4500-NO2B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Odour	IS 3025 (Part 5):
111	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Oil & Grease	IS 3025 (Part 39a)
112	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Organic Nitrogen	IS 3025 (Part 34,B)
113	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	P Alkalinity	IS 3025 (Part 23)
114	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Percent Sodium	SOP No. OEL/SOP/W/24/Issue no. 01 November
115	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	pH	IS 3025 (Part 11):
116	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Phenolic Compounds as C6H5OH	APHA 23rd Edition 5530 C

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117	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Phosphate / Ortho	IS 3025(Part 31,4)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Potassium as K	IS 3025 (Part 45,a)
119	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Residual Sodium Carbonate	IS 11624
120	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Selenium (as Se)	IS 3025 (Part 56b)
121	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Silver (as Ag)	Annex J of IS 13428
122	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Sodium as Na	IS 3025 (Part 45,a)
123	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Sulphate as SO4	APHA 23rd EDITION - 4500-SO4C
124	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Sulphide as S	APHA 23rd EDITION- 4500-S2-F
125	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Temperature Deg C	IS 3025 (Part 9)
126	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Total Alkalinity	IS 3025 (Part 23)
127	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Total Dissolved Solids	IS 3025 (Part 16)
128	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Total Hardness as CaCO3	IS 3025 (Part 21a)
129	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Total Iron as Fe	IS 3025 (Part 53)
130	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
131	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Total silica as SiO2	IS 3025 (Part 35,a)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Total Solids	IS 3025 (Part 15)
133	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Total Suspended Solids	IS 3025 (Part 17)
134	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Turbidity	IS 3025 (Part 10)
135	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Volatile Solids	IS 3025 (Part 18)

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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
136	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water, Effluent water, STP, ETP water	Zinc (as Zn)	IS 3025 (Part 49c)
137	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Total Nitrogen	IS 14684
138	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sludge/ Sediment	Nickel	EPA 3050B, AAS
139	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sludge/Sediment	Lead	EPA 3050B, AAS
140	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Calcium Carbonate as CaCo3	IS 2720 (Part 23)
141	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	pH @ 25ºC	IS 2720 (Part 26)
142	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Available Phosphorus as P	FAO Methods of Soil Analysis
143	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Electrical Conductivity @ 25ºC	IS 14767
144	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Total Soluble Chlorides	FAO Methods of Soil Analysis
145	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Water Content	IS 2720 (Part 2)
146	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sludge/ Sediment	Potassium a K	IS 9497
147	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sludge/ Sediment	Sodium as Na	IS 9497
148	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sludge/ Sediment	Zinc	EPA 3050B, AAS
149	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed wate	Total Iron as Fe	IS 3025 (Part 53a)
150	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Aluminium (as Al)	IS 3025 (Part 55a)
151	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Barium (as Ba)	IS 15302
152	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Boron as B	IS 3025 (Part 57):
153	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Cadmium (as Cd)	OEL/SOP/W/74 Issue.1
154	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Copper (as Cu)	IS 3025 (Part 42a)

SCOPE OF ACCREDITATION

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155	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Hexavalent Chromium as Cr+6	IS 3025 (Part 52)
156	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Lead as Pb	OEL/SOP/W/72 Issue.1
157	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Manganese (as Mn)	APHA 23rd EDITION - 3500-Mn B
158	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Mercury (as Hg)	IS 3025 (Part 48a)
159	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Nickel (as Ni)	Lab Method OEL/SOP/W/73 Issue.1
160	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Selenium (as Se)	IS 3025 (Part 56b)
161	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Silver (as Ag)	Annex J of IS 13428
162	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total Arsenic (as As)	IS 3025 (Part 37)
163	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total Chromium	IS 3025 (Part 52)
164	CHEMICAL- RESIDUES IN WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Zinc (as Zn)	IS 3025 (Part 49c)
165	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Conductivity	IS 3025 (Part 14)
166	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Acidity as CaCO3	IS 3025 (Part 22)
167	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Bicarbonates Alkalinity as CaCO3	IS 3025 (Part 23)
168	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Biochemical oxygen Demand	IS 3025 (Part 44)
169	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Chlorine, Residual	IS 3025 (Part 26,a):
170	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Colour retention of KMnO4	IS 1070
171	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Dissolved Iron as Fe	IS 3025 (Part 53)
172	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Dissolved Oxygen	IS 3025 (Part 38)
173	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Fixed Solids	IS 3025 (Part 18)

SCOPE OF ACCREDITATION

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174	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Nitrite as NO2	IS 3025 (Part 34)
175	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Oil & Grease (Mineral Oil)	IS 3025 (Part 39, a):
176	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Percent Sodium	SOP No.OEL/SOP/W/24 Issue no. 01 November
177	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Phenolic Compounds as C6H5OH	APHA 23rd Edition- 5530 C
178	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Phosphate / Ortho	IS 3025 (Part 31)
179	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Sodium as Na	IS 3025 (Part 45, 5)
180	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Sulphide as S	IS 3025 (Part 29, 2)
181	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Temperature Deg C	IS 3025 (Part 9)
182	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total Dissolved Solids	IS 3025 (Part 16)
183	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total Nitrogen	IS 3025 (Part 34)
184	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total Solids	IS 3025 (Part 15)
185	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total Suspended Solids	IS 3025 (Part 17)
186	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Volatile Solids	IS 3025 (Part 18)
187	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
188	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Calcium as Ca	IS 3025 (Part 40, A)
189	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Chloride as Cl	IS 3025 (Part 32, 2)
190	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Fluoride as F	IS 3025 (Part 60, A)
191	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Magnesium as Mg	IS 3025 (Part 46, B)
192	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	pH	IS 3025 (Part 11,):

SCOPE OF ACCREDITATION

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193	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Potassium as K	IS 3025 (Part 45, 5)
194	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Sulphate as SO4	IS 3025 (Part 24, 4)
195	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total Hardness as CaCO3	IS 3025 (Part 21, A)
196	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Total silica as SiO2	IS 3025 (Part 35, A)
197	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Turbidity	IS 3025 (Part 10)
198	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Ammonia (as NH3-N)	IS 3025 (Part 34, C)
199	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Anionic Detergents (as MBAS)	IS 13428; Annex K
200	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Colour	IS 3025 (Part 4a):
201	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Cyanide (as CN)	IS 3025 (Part 27, 2)
202	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	M Alkalinity	IS 3025 (Part 23)
203	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	Odour	IS 3025(Part 5)
204	CHEMICAL- WATER	Potable water, Drinking water, Surface water, Borewell water, Processed water	P Alkalinity	IS 3025 (Part 23)