National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SAI LABORATORIES PRIVATE LIMITED, FLAT NO 211, CHALLA ESTATE, ERRAGADDA, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8396 **Page No** 1 of 13

Validity 05/07/2022 to 04/07/2024 **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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambeint Noise Levels (Excluding vibration)	Noise Level	IS 9989:1981
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	IS 5182 (Part 25)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead as Pb	IS:5182(Part 22):2004
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickle as Ni	IS 5182 : Part 26
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Oxides as NOx	IS 5182(Part6)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone O3	IS 5182 Part-9 :1974
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 2.5	IS 5182 (part 24)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	RSPM (PM 10)	IS 5182 (Part 23):2006
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide as SO2	IS 5182 (part 2) 2001
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Total Suspended Particulate Matter (TSPM)	IS 5182 Part-4:1999
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255:Part 06:1999
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon dioxide (By using Flue gas analyzer)	SLPL/SOP/STK/01
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon dioxide	IS 13270-1992 Orsat,
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon monoxide	IS 13270-1992 Orsat,
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon monoxide (By using Flue gas analyzer)	SLPL/SOP/STK/01
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Rate	IS 11255 Part-3: 2008
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flue gas velocity	IS 11255 Part-3: 2008
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Hydrogen Sulphide	IS 11255:Part04:2006

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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
19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2) (By using Flue gas analyzer)	SLPL/SOP/STK/01
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS 11255 Part-3: 2008
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxgen	IS 13270-1992 Orsat,
22	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (By using Flue gas analyzer method)	SLPL/SOP/STK/01
23	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen (NOx	IS 11255Part-7 2005
24	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (By using Flue gas analyzer)	SLPL/SOP/STK/01
25	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 Part-I) 1985
26	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulfur Dioxide(SO2)	IS 11255 (Part-2):1985
27	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Sulphur dioxide SO2	SLPL/SOP/IAQ/02
28	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Ammonia NH3	SLPL/SOP/IAQ/06
29	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Carbon Dioxide CO2	SLPL/SOP/IAQ/01
30	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Carbon Monoxide CO	SLPL/SOP/IAQ/05
31	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Nitrogen Oxides NOx	SLPL/SOP/IAQ/03
32	CHEMICAL- ATMOSPHERIC POLLUTION	Work environment and indoor air	Noise Level	SLPL/SOP/IAQ/08
33	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Oxygen O2	SLPL/SOP/IAQ/04
34	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Relative Humidity	SLPL/SOP/IAQ/01
35	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Temperature	SLPL/SOP/IAQ/01
36	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air	Volatile Organic Compounds VOC	SLPL/SOP/IAQ/07

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37	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium as K	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Sodium asNa	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bicarbonates	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Boron as B	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
42	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
43	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Carbonates	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
44	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cation Exchage Capacity	IS 2720 (Part 24) : 1976
45	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chloride	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
46	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Conductivity	IS 14767

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47	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Copper	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
48	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Iron	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
49	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Magnesium	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
50	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Magnesium	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India: 2011
51	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Manganese	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
52	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture Content	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
53	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part 22) : 1972
54	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22) : 1972
55	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26) : 1987
56	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium Absorption Ratio	SLPL/SOP/SOIL/01
57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soluble Sulphates	IS: 2720 (Part – 27): (RA: 1977)

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58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture- Clay	Bouyoucos Hydrometer method Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
59	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture- Sand	Bouyoucos Hydrometer method Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
60	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture- Silt	Bouyoucos Hydrometer method Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
61	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc	Methods Manual Soil Testing in India, Department of agriculture and cooperation, Ministry of Agriculture, Govt of India
62	CHEMICAL- POLLUTION & ENVIRONMENT	Solid waste, Hazardous Solid Waste	Loss On Drying at 105 Degree C	EPA method 1684
63	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste, Hazardous Solid Waste	Loss on Ignition at 550 Degree C	EPA 1684
64	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste, Hazardous Solid Waste	pH	USEPA 998 SW 846 9045C
65	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Hazardous Waste	Nickle as Ni	EPA 3050B/EPA 7000B
66	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Hazardous Waste	Total Chromium as Cr	EPA 3050B/EPA 7000B
67	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/Hazardous Waste	Copper as Cu	EPA 3050B/EPA 7000B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/Hazardous Waste	Iron as Fe	EPA 7000B
69	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/Hazardous Waste	Lead as Pb	EPA 3050B/EPA 7000B
70	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/Hazardous Waste	Manganese as Mn	EPA 3050B/EPA 7000B

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71	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/Hazardous Waste	Zinc as Zn	EPA 3050B/EPA 7000B
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Acidity as CaCO3	APHA 23rd Edition 2310 B
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen (as N)	IS 3025 Part 34-1988
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand	IS 3025(part 44)1993
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron as B	APHA 23rd Edition 4500 B B
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 Part 58 -2006
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride as Cl	APHA 23rd Edition 4500-Cl-B
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper	APHA 23rd Edition 3111 B
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Cyanide Total as CN	APHA 23rd Edition 4500 CN-C,E
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolvd Oxygen	APHA 23rd Edition 4500 O C
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA 23rd Edition 2510 B
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solids	APHA 23rd Edition 2540E
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride as F	APHA 23rd Edition 4500 F-D
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium as Cr6+	APHA 23rd Edition 3500 Cr B
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	APHA 23rd Edition 3111 B
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead as Pb	APHA 23rd Edition 3111 B

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90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese as Mn	APHA 23rd Edition 3111 B
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickle as Ni	APHA 23rd Edition 3111 B
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate Nitrogen as N	APHA 23rdEdition 4500 NO3-B
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite Nitrogen as N	APHA 23rd Edition 4500 NO2-B
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	APHA 23rd Edition 5220B
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS 3025 Part 39
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition 4500 H+ B
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compound as Phenols	APHA 23rd Edition 5530 D
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorous as P	APHA 23rd Edition 4500 P-C
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	APHA 23rd edition 3500 K B
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chrlorine as Cl	APHA 23rd edition 4500 Cl B
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	APHA 23rd Edition 3500 Na
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	sulphate as SO4	APHA 23rd Edition 4500 SO4-E
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphide	APHA 23rd Edition 4500 S2-F
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphite as SO3	APHA 23rd Edition 4500 SO3
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition 2550 B

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109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium as Cr	APHA 23rd Edition 3111 B
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Edition 2540C
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	IS 3025 Part 16 1984
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 23rd Edition 2340C
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen as N (Organic Nitrogen)	APHA23rd Edition, 4500 N (OrgO) B
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 23rd Edition 2540 B
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition 2540 D
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS 3025 Part 17 -1984
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 23rd Edition 2130B
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Soilds	APHA 23rd Edition 2540E
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc as Zn	APHA 23rd Edition 3111 B
121	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper as Cu	APHA 23rd Edition 3111 B
122	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead as Pb	APHA 23rd Edition 3111 B
123	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese as Mn	APHA 23rd Edition 3111 B
124	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickle as Ni	APHA 23rd Edition 3111 B
125	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium	APHA 23rd Edition 3111 B
126	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc as Zn	APHA 23rd Edition 3111 B
127	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	APHA 23rd Edition 3111 B

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128	CHEMICAL- RESIDUES IN WATER	Ground water	Copper as Cu	APHA 23rd Edition 3111 B
129	CHEMICAL- RESIDUES IN WATER	Ground water	Lead as Pb	APHA 23rd Edition 3111 B
130	CHEMICAL- RESIDUES IN WATER	Ground water	Manganese as Mn	APHA 23rd Edition 3111 B
131	CHEMICAL- RESIDUES IN WATER	Ground water	Nickle as Ni	APHA 23rd Edition 3111 B
132	CHEMICAL- RESIDUES IN WATER	Ground water	Total Chromium	APHA 23rd Edition 3111 B
133	CHEMICAL- RESIDUES IN WATER	Ground water	Zinc as Zn	APHA 23rd Edition 3111 B
134	CHEMICAL- RESIDUES IN WATER	Ground water	Iron as Fe	APHA 23rd Edition 3111 B
135	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper as Cu	APHA 23rd Edition 3111 B
136	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead as Pb	APHA 23rd Edition 3111 B
137	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese as Mn	APHA 23rd Edition 3111 B
138	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickle as Ni	APHA 23rd Edition 3111 B
139	CHEMICAL- RESIDUES IN WATER	Surface Water	Total Chromium	APHA 23rd Edition 3111 B
140	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc as Zn	APHA 23rd Edition 3111 B
141	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron as Fe	APHA 23rd Edition 3111 B
142	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Acidity as CaCO3	APHA 23rd Edition 2310B
143	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Boron as B	APHA 23rd Edition 4500 B-B
144	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
145	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
146	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Chloride as Cl	APHA 23rd Edition 4500 Cl-B
147	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Colloidal Silica	APHA 23rd Edition 4500 SiO2
148	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Color	APHA 23rd Edition 2120C
149	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Cyanide total as CN-C	APHA 23rd Edition 4500 CN-C

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150	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Electrical Conductivity	APHA 23rd Edition 2510B
151	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Fluoride as F	APHA 23rd Edition 4500 F-D
152	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Hexavalent Chromium as Cr6+	APHA 23rd Edition 3500 Cr B
153	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
154	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
155	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Nitrate as N	APHA 23rd Edition 4500 NO3-B
156	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Nitrite Nitrogen as N	APHA 23rd Edition 4500 NO2-B
157	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Non Carbonate Hardness as CaCO3	IS 3025 (part 21):2019
158	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Odour	IS 3025 (Part 5)
159	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Oxidizable Matter	IS 1070
160	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	pH	APHA 23rd Edition 4500 H+B
161	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Phenolphthalein Alkalinity	APHA 23rd Edition 2320B
162	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Phosphorous as P	APHA 23rd Edition 4500 P-C
163	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Potassium as K	APHA 23rd Edition K-B
164	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Reactive Silica	APHA 23rd Edition 4500 SiO2
165	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Residual free chlorine	APHA 23rd Edition 4500 Cl-B
166	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Sodium as Na	APHA 23rd Edition 3500 Na B
167	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Sulphate as SO4	APHA 23rd Edition 4500 SO4-D
168	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Sulphide as S2	APHA 23rd Editon 4500 S2-F
169	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Sulphite as SO3	APHA 23rd Edition 4500 SO3 B
170	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Temperature	APHA 23rd Edition 2550B
171	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320B
172	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Total Dissolved Solids	APHA 23rd Edition 2540C
173	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Total Hardness as CaCO3	APHA 23rd Edition 2540B
174	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Total Silica as SiO2	APHA 23rd Edition 4500 SiO2
175	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Total Solids	APHA 23rd Edition 2540B
176	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Total Suspended Solids	APHA 23rd Edition 2540D
177	CHEMICAL- WATER	Drinking Water/Potable Water/Domestic water	Turbidity	APHA 23rd Edition 2130B
178	CHEMICAL- WATER	Ground water	Fluoride as F	APHA 23rd Edition 4500F

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
179	CHEMICAL- WATER	Ground water	Acidity as CaCO3	APHA 23rd Edition 2310B
180	CHEMICAL- WATER	Ground water	Alkalinity as CaCO3	APHA 23rd Edition 2320B
181	CHEMICAL- WATER	Ground water	Boron as B	APHA 23rd Edition 4500 B-B
182	CHEMICAL- WATER	Ground water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
183	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
184	CHEMICAL- WATER	Ground water	Chemical Oxygen Demand	APHA 23rd Edition 5220B
185	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23rd Edition 4500 Cl-B
186	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
187	CHEMICAL- WATER	Ground Water	Colloidal Silica	APHA 23rd Edition 4500 SiO2
188	CHEMICAL- WATER	Ground water	Color	APHA 23rd Edition 2120C
189	CHEMICAL- WATER	Ground water	Cyanide Total as CN	APHA 23rd Edition 4500 CN C
190	CHEMICAL- WATER	Ground water	Dissolved Oxygen	APHA 23rd Edition 4500 O-C
191	CHEMICAL- WATER	Ground water	Electrical Conductivity	APHA 23rd Edition 2510B
192	CHEMICAL- WATER	Ground Water	Fixed Solids	APHA 23rd Edition 2540E
193	CHEMICAL- WATER	Ground water	Hexavalent Chromium as Cr6+	APHA 23rdEdition 3500 Cr B
194	CHEMICAL- WATER	Ground water	Magnesium as Mg	APHA 23rd Edition 3500Mg B
195	CHEMICAL- WATER	Ground Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B
196	CHEMICAL- WATER	Ground water	Nitrate as N	IS 3025 (part 34)
197	CHEMICAL- WATER	Ground water	Nitrite Nitrogen as N	APHA 23rd Edition 4500 NO2-B
198	CHEMICAL- WATER	Ground water	Non Carbonate Hardness as CaCO3	IS 3025 (part 21):2019
199	CHEMICAL- WATER	Ground Water	Odour	IS 3025 Part 5
200	CHEMICAL- WATER	Ground water	Oil & Grease	APHA 23rd Edition 5520B
201	CHEMICAL- WATER	Ground water	pH	APHA 23rd Edition 4500 H+ B
202	CHEMICAL- WATER	Ground Water	Phenolic Compounds	APHA 23rd Edition 5530 D
203	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity	APHA 23rd Edition 2320B
204	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity	APHA 23rd Edition 2320B "
205	CHEMICAL- WATER	Ground water	Phosphorous as P	IS 3025 (part31)
206	CHEMICAL- WATER	Ground water	Potassium as K	APHA 23rd Edition 3500 K B
207	CHEMICAL- WATER	Ground Water	Reactive Silica	APHA 23rd Edition 4500 SiO2

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208	CHEMICAL- WATER	Ground water	Residual Free Chlorine	APHA 23rd Edition 4500 Cl B
209	CHEMICAL- WATER	Ground water	Silica as SiO2	APHA 23rd Edition 4500 SiO2
210	CHEMICAL- WATER	Ground water	Sodium as Na	APHA 23rd Edition 3500 Na B
211	CHEMICAL- WATER	Ground water	Sulphate as SO4	APHA 23rd Edition 4500 SO4 D
212	CHEMICAL- WATER	Ground water	Sulphide as S	APHA 23rd Edition 4500 S2-F
213	CHEMICAL- WATER	Ground water	Sulphite as SO3	APHA 23rd Edition 4500 SO3 B
214	CHEMICAL- WATER	Ground water	Temperature	APHA 23rd Edition 2550B
215	CHEMICAL- WATER	Ground water	Total Dissolved Solids	APHA 23rd Edition 2540C
216	CHEMICAL- WATER	Ground water	Total Hardness as CaCO3	APHA 23rd Edition 2340C
217	CHEMICAL- WATER	Ground water	Total Solids	APHA 23rd Edition 2540B
218	CHEMICAL- WATER	Ground water	Total Suspended Solids	APHA 23rd Edition 2540D
219	CHEMICAL- WATER	Ground water	Turbidity	APHA 23rd Edition 2130B
220	CHEMICAL- WATER	Ground water	Volatile Solids	APHA 23rd Edition 2540E
221	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition 2540C
222	CHEMICAL- WATER	Surface Water	Colloidal Silica	APHA 23rd Edition 4500 SiO2
223	CHEMICAL- WATER	Surface Water	Reactive Silica	APHA 23rd Edition 4500 SiO2
224	CHEMICAL- WATER	Surface Water	Sulphide as S2	APHA 23rd Editon 4500 S2-F
225	CHEMICAL- WATER	Surface Water	Sulphite as SO3	APHA 23rd Edition 4500 SO3 B
226	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition 2550B
227	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition 2540B
228	CHEMICAL- WATER	Surface Water	Total Silica as SiO2	APHA 23rd Edition 4500 SiO2
229	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Edition 2540 B
230	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edition 2540D
231	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition 2130B
232	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	APHA 23rd Edition 2310B
233	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	"APHA 23rd Edition 2310B"
234	CHEMICAL- WATER	Surface Water	Boron as B	APHA 23rd Edition 4500 B-B
235	CHEMICAL- WATER	Surface Water	Calcium as Ca	"APHA 23rd Edition 3500 Ca B
236	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B"
237	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23rd Edition 3111 B

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238	CHEMICAL- WATER	Surface Water	Chloride as Cl	"APHA 23rd Edition 4500 Cl-B "
239	CHEMICAL- WATER	Surface Water	Color	APHA 23rd Edition 2120C
240	CHEMICAL- WATER	Surface Water	Cyanide total as CN-C	"APHA 23rd Edition 4500 CN-C"
241	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition 4500 O-C
242	CHEMICAL- WATER	Surface Water	Electrical Conductivity	"APHA 23rd Edition 2510B "
243	CHEMICAL- WATER	Surface Water	Fixed Solids	APHA 23rd Edition 2540E
244	CHEMICAL- WATER	Surface Water	Fluoride as F	"APHA 23rd Edition 4500 F-D"
245	CHEMICAL- WATER	Surface Water	Hexavalent Chromium as Cr6+	APHA 23rd Edition 3500 Cr B
246	CHEMICAL- WATER	Surface Water	Magnesium as Mg	"APHA 23rd Edition 3500 Mg B"
247	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg B"
248	CHEMICAL- WATER	Surface Water	Nitrate as N	"APHA 23rd Edition 4500 NO3-B "
249	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as N	APHA 23rd Edition 4500 NO2-B
250	CHEMICAL- WATER	Surface Water	Non Carbonate hardness as CaCO3 "	IS 3025 (part 21)
251	CHEMICAL- WATER	Surface Water	Odour	IS 3025 Part 5
252	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition 5220 B
253	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500 H+B
254	CHEMICAL- WATER	Surface Water	Phenolphthalein Alkalinity	APHA 23rd Edition 2320B
255	CHEMICAL- WATER	Surface Water	Phosphorous as P	"APHA 23rd Edition 4500 P-C"
256	CHEMICAL- WATER	Surface Water	Potassium as K	"APHA 23rd Edition K-B "
257	CHEMICAL- WATER	Surface Water	Residual free chlorine	"APHA 23rd Edition 4500 Cl-B"
258	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Edition 3500 Na B
259	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 23rd Edition 4500 SO4-D
260	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
261	CHEMICAL- WATER	Surface Water	Volatile Soilds	APHA 23rd Edition 2540E