National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	SANTHOME ENVIRO SERVICES, 3/4, PILLAIYAR KOIL STREET, JAFFERKHANPET, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11269	**Page No**	1 of 12
Validity	06/01/2023 to 05/01/2025	**Last Amended on**	22/02/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	SOP-SAS-007 (Based on CPCB Guidelines) Issue No. 02 Issue Date 05.01.2021
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part 9)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5) Resirable	SOP-SAS-001 (Based on CPCB Guidelines) Issue No. 02 Issue Date 05.01.2021
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Particulate Matter (PM10)	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Sound Pressure Level (SPL)	IS 9989
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon dioxide	IS 13270
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide	IS 13270
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxide of Nitrogen	IS 11255 (Part 7)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen	IS 13270
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS 11255 (Part 2)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Working Interiors	Illumination	IS 3646
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Aluminum as Al	APHA 23rd Edition 3500 Al B & IS 3025 (Part 55)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammoniacal Nitrogen as NH3-N	IS 3025 (Part 34)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bicarbonates as CaCO3	IS 3025 (Part 51)

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18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand (3 Days at 27 °C)	IS 3025 (Part 44)
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron as B	APHA 23rd Edition 4500-B-B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium as Ca	APHA 23rd Edition 3500-Ca-B & IS 3025 (Part 40)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium Hardness as CaCO3	APHA 23rd Edition 3500-Ca-B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Carbonate Hardness as CaCO3	APHA 23rd Edition 2340 A
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Carbonates as CaCO3	IS 3025 (Part 51)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chlorides as Cl	APHA 23rd Edition 4500 Cl-B & IS 3025 (Part 32)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chromium - Hexavalent as Cr+6	APHA 23rd Edition3500 Cr & IS 3025 (Part 52)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chromium - Total as Cr	APHA 23rd Edition 3500 Cr & IS 3025 (Part 52)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Colloidal Silica as SiO2	APHA 23rd Edition 4500 SiO2 C & IS 3025 (Part 35)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Iron as Fe	APHA 23rd Edition 3500 Fe & IS 3025 (Part 53)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	APHA 23rd Edition 4500-O-C & IS 3025 (Part 38)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Phosphorous as P	APHA 23rd Edition 4500 P D & IS 3025 (Part 31)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	APHA 23rd Edition 2510 B & IS 3025 (Part 14)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ferrous Iron as Fe	APHA 23rd Edition 3500 Fe- B & IS 3025 (Part 53)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed Solids	APHA 23rd Edition 2540 E & IS 3025 (Part 18)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride as F	APHA 23rd Edition 4500-F-D
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Free Carbon Dioxide as CO2	APHA 23rd Edition 4500 CO2 C

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37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B & IS 3025 (Part 26)
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium as Mg	APHA 23rd Edition 2340B & IS 3025 (Part 46)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg- B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate as NO3	IS 3025 (Part 34)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite as NO2	APHA 23rd Edition 4500 NO2 B & IS 3025 (Part 34)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrogen Total as N	IS 3025 (Part 34)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Non Carbonate - Hardness as CaCO3	APHA 23rd Edition 2340A
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Odour	IS 3025 (Part 5)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil and Grease	IS 3025(Part 39)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oxygen Absorbed after 4 hours	IS 3025 (Part 63)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Percentage Sodium	IS 11624
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH Value	APHA 23rd Edition 4500 H+ & IS 3025 (Part 11)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium as K	APHA 23rd Edition 3500 K B & IS 3025 (Part 45)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Reactive Silica as SiO2	APHA 23rd Edition 4500 SiO2 & IS 3025 (Part 35)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Sodium Carbonate	IS 11624
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium Absorption Ratio	IS 11624
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	APHA 23rd Edition 3500 Na B & IS 3025 (Part 45)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfide as S	APHA 23rd Edition 4500 S2- F & IS 3025 (Part 29)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphates as SO4	APHA 23rd Edition 4500 SO4 E & IS 3025 (Part 24)

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56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA 23rd Edition 2550 B & IS 3025 (Part 9)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Acidity as CaCO3	APHA 23rd Edition 2310 B & IS 3025 (Part 22)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B & IS 3025 (Part 23)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	APHA 23rd Edition 2540 C & IS 3025 (Part 16)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as CaCO3	APHA 23rd Edition 2340 C & IS 3025 (Part 21)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Iron as Fe	APHA 23rd Edition 3500 Fe- B
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Iron as Fe	IS 3025 (Part 53)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Phosphorous as P	APHA 23rd Edition 4500 P D & IS 3025 (Part 31)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Silica as SiO2	APHA 23rd Edition 4500 SiO2 C & IS 3025 (Part 35)
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	APHA 23rd Edition 2540 B & IS 3025 (Part 15)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA 23rd Edition 2540 D & IS 3025 (Part 17)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	APHA 23rd Edition 2130 B & IS 3025 (Part 10)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile Solids	APHA 23rd Edition 2540 E & IS 3025 (Part 18)
69	CHEMICAL- WATER	Construction Water	Chlorides as Cl	APHA 23rd Edition 4500 Cl-B
70	CHEMICAL- WATER	Construction Water	Chlorides as Cl	IS 3025 (Part 32)
71	CHEMICAL- WATER	Construction Water	Inorganic Solids	APHA 23rd Edition 2540 E
72	CHEMICAL- WATER	Construction Water	Organic Solids	APHA 23rd Edition 2540 E
73	CHEMICAL- WATER	Construction Water	pH	APHA 23rd Edition 4500 H+
74	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
75	CHEMICAL- WATER	Construction Water	Sulphates as SO4	APHA 23rd Edition 4500 (SO4)2- E
76	CHEMICAL- WATER	Construction Water	Sulphates as SO4	IS 3025 (Part 24)

SCOPE OF ACCREDITATION

Laboratory Name : SANTHOME ENVIRO SERVICES, 3/4, PILLAIYAR KOIL STREET, JAFFERKHANPET, CHENNAI, TAMIL NADU, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
77	CHEMICAL- WATER	Construction Water	Water Neutralization - To neutralize 100 ml of sample water using Mixed indicator using 0.02N H2SO4	APHA 23rd Edition 2320 B
78	CHEMICAL- WATER	Construction Water	Water Neutralization - To neutralize 100 ml of sample water using Mixed indicator using 0.02N H2SO4	IS 3025 (Part 23)
79	CHEMICAL- WATER	Construction Water	Water Neutralization - To neutralize 100ml of sample water using phenolphthalein as an indicator using 0.02 N NaOH	APHA 23rd Edition 2320 B
80	CHEMICAL- WATER	Construction Water	Water Neutralization - To neutralize 100ml of sample water using phenolphthalein as an indicator using 0.02 N NaOH	IS 3025 (Part 22)
81	CHEMICAL- WATER	Drinking Water	Boron as B	APHA 23rd Edition 4500 B B
82	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
83	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
84	CHEMICAL- WATER	Drinking Water	Carbonate Hardness as CaCO3	APHA 23rd Edition 2340A
85	CHEMICAL- WATER	Drinking Water	Chlorides as Cl	APHA 23rd Edition 4500 Cl- B
86	CHEMICAL- WATER	Drinking Water	Chlorides as Cl	IS 3025 (Part 32)
87	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	APHA 23rd Edition 2510 B
88	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part 14)
89	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
90	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine as Cl2	IS 3025 (Part 26)
91	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition 2340 B
92	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
93	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Edition 4500 NO3 B
94	CHEMICAL- WATER	Drinking Water	Non carbonate- Hardness as CaCO3	APHA 23rd Edition 2340A
95	CHEMICAL- WATER	Drinking Water	Odor	IS 3025 (Part 5)
96	CHEMICAL- WATER	Drinking Water	pH Value	APHA 23rd Edition 4500 H+
97	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part 11)
98	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA 23rd Edition 3500 K B
99	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 (Part 45)

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100	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA 23rd Edition 3500 Na B
101	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (Part 45)
102	CHEMICAL- WATER	Drinking Water	Sulphates as SO4	APHA 23rd Edition 4500 (SO4)2- E
103	CHEMICAL- WATER	Drinking Water	Sulphates as SO4	IS 3025 (Part 24)
104	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
105	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
106	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
107	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
108	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
109	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
110	CHEMICAL- WATER	Drinking Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe- B
111	CHEMICAL- WATER	Drinking Water	Total Iron as Fe	IS 3025 (Part 53)
112	CHEMICAL- WATER	Drinking Water	Total Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
113	CHEMICAL- WATER	Drinking Water	Total Silica as SiO2	IS 3025 (Part 35)
114	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B
115	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
116	CHEMICAL- WATER	Ground Water	Boron as B	APHA 23rd Edition 4500 B B
117	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
118	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (Part 40)
119	CHEMICAL- WATER	Ground Water	Carbonate Hardness as CaCO3	APHA 23rd Edition 2340A
120	CHEMICAL- WATER	Ground Water	Chlorides as Cl	APHA 23rd Edition 4500 Cl- B
121	CHEMICAL- WATER	Ground Water	Chlorides as Cl	IS 3025 (Part 32)
122	CHEMICAL- WATER	Ground Water	Electrical Conductivity	APHA 23rd Edition 2510 B
123	CHEMICAL- WATER	Ground Water	Electrical Conductivity	IS 3025 (Part 14)
124	CHEMICAL- WATER	Ground Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
125	CHEMICAL- WATER	Ground Water	Free Residual Chlorine as Cl2	IS 3025 (Part 26)
126	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Edition 2340 B
127	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (Part 46)
128	CHEMICAL- WATER	Ground Water	Nitrate as NO3	APHA 23rd Edition 4500 NO3 B

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129	CHEMICAL- WATER	Ground Water	Non carbonate- Hardness as CaCO3	APHA 23rd Edition 2340A
130	CHEMICAL- WATER	Ground Water	Odor	IS 3025 (Part 5)
131	CHEMICAL- WATER	Ground Water	pH Value	APHA 23rd Edition 4500 H+
132	CHEMICAL- WATER	Ground Water	pH Value	IS 3025 (Part 11)
133	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
134	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
135	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
136	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part 16)
137	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
138	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 (Part 21)
139	CHEMICAL- WATER	Industrial Water	Ammoniacal Nitrogen as NH3-N	IS 3025 (Part 34)
140	CHEMICAL- WATER	Industrial Water	Chlorides as Cl	APHA 23rd Edition 4500 Cl- B
141	CHEMICAL- WATER	Industrial Water	Chlorides as Cl	IS 3025 (Part 32, Clause 2)
142	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	APHA 23rd Edition 4500 O C
143	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	IS 3025 (Part 38)
144	CHEMICAL- WATER	Industrial Water	Dissolved Phosphorous as P	APHA 23rd Edition 4500 P D
145	CHEMICAL- WATER	Industrial Water	Dissolved Phosphorous as P	IS 3025 (Part 31)
146	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	APHA 23rd Edition 2510 B
147	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	IS 3025 (Part 14)
148	CHEMICAL- WATER	Industrial Water	Fluoride as F	APHA 23rd Edition 4500 F D
149	CHEMICAL- WATER	Industrial Water	Magnesium as Mg	APHA 23rd Edition 2340 B
150	CHEMICAL- WATER	Industrial Water	Magnesium as Mg	IS 3025 (Part 46)
151	CHEMICAL- WATER	Industrial Water	Oil and Grease	IS 3025 (Part 39)
152	CHEMICAL- WATER	Industrial Water	Oxygen Absorbed after 4 hrs	IS 3025 (Part 63)
153	CHEMICAL- WATER	Industrial Water	pH Value	APHA 23rd Edition 4500 H+
154	CHEMICAL- WATER	Industrial Water	pH Value	IS 3025 (Part 11)
155	CHEMICAL- WATER	Industrial Water	Sulphates as SO4	APHA 23rd Edition 4500 (SO4)2- E
156	CHEMICAL- WATER	Industrial Water	Sulphates as SO4	IS 3025 (Part 24)
157	CHEMICAL- WATER	Industrial Water	Total Acidity as CaCO3	APHA 23rd Edition 2310 B

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158	CHEMICAL- WATER	Industrial Water	Total Acidity as CaCO3	IS 3025 (Part 22)
159	CHEMICAL- WATER	Industrial Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
160	CHEMICAL- WATER	Industrial Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
161	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
162	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 (Part 16)
163	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
164	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	IS 3025 (Part 21)
165	CHEMICAL- WATER	Industrial Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe- B
166	CHEMICAL- WATER	Industrial Water	Total Iron as Fe	IS 3025 (Part 53)
167	CHEMICAL- WATER	Industrial Water	Total Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
168	CHEMICAL- WATER	Industrial Water	Total Silica as SiO2	IS 3025 (Part 35)
169	CHEMICAL- WATER	Industrial Water	Total Solids	APHA 23rd Edition 2540B
170	CHEMICAL- WATER	Industrial Water	Total Solids	IS 3025 (Part 15)
171	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 23rd Edition 2130 B
172	CHEMICAL- WATER	Industrial Water	Turbidity	IS 3025 (Part 10)
173	CHEMICAL- WATER	Industrial Water	Volatile Solids	APHA 23rd Edition 2540 E
174	CHEMICAL- WATER	Industrial Water	Volatile Solids	IS 3025 (Part 18)
175	CHEMICAL- WATER	Irrigation Water	Ammoniacal Nitrogen as NH3-N	IS 3025 (Part 34)
176	CHEMICAL- WATER	Irrigation Water	Bicarbonates as CaCO3	IS 3025 (Part 51)
177	CHEMICAL- WATER	Irrigation Water	Biochemical Oxygen Demand (3 Days at 27 °C)	IS 3025 (Part 44)
178	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
179	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	IS 3025 (Part 40)
180	CHEMICAL- WATER	Irrigation Water	Carbonates as CaCO3	IS 3025 (Part 51)
181	CHEMICAL- WATER	Irrigation Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
182	CHEMICAL- WATER	Irrigation Water	Chlorides as Cl	APHA 23rd Edition 4500 Cl- B
183	CHEMICAL- WATER	Irrigation Water	Chlorides as Cl	IS 3025 (Part 32)
184	CHEMICAL- WATER	Irrigation Water	Dissolved Oxygen	APHA 23rd Edition 4500 O C
185	CHEMICAL- WATER	Irrigation Water	Dissolved Oxygen	IS 3025 (Part 38, Clause 4)
186	CHEMICAL- WATER	Irrigation Water	Electrical Conductivity	APHA 23rd Edition 2510 B
187	CHEMICAL- WATER	Irrigation Water	Electrical Conductivity	IS 3025 (Part 14)

SCOPE OF ACCREDITATION

Laboratory Name : SANTHOME ENVIRO SERVICES, 3/4, PILLAIYAR KOIL STREET, JAFFERKHANPET, CHENNAI, TAMIL NADU, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
188	CHEMICAL- WATER	Irrigation Water	Fluoride as F	APHA 23rd Edition 4500 F D
189	CHEMICAL- WATER	Irrigation Water	Free Carbon Dioxide as CO2	APHA 23rd Edition 4500 CO2 C
190	CHEMICAL- WATER	Irrigation Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
191	CHEMICAL- WATER	Irrigation Water	Free Residual Chlorine as Cl2	IS 3025 (Part 26)
192	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	APHA 23rd Edition 2340 B
193	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	IS 3025 (Part 46)
194	CHEMICAL- WATER	Irrigation Water	Nitrate as NO3	APHA 23rd Edition 4500 NO3 B
195	CHEMICAL- WATER	Irrigation Water	Odor	IS 3025 (Part 5)
196	CHEMICAL- WATER	Irrigation Water	Oil and Grease	IS 3025 (Part 39)
197	CHEMICAL- WATER	Irrigation Water	Percentage Sodium	IS 11624
198	CHEMICAL- WATER	Irrigation Water	Percentage Sodium	SOP WW-061
199	CHEMICAL- WATER	Irrigation Water	pH Value	APHA 23rd Edition 4500 H+
200	CHEMICAL- WATER	Irrigation Water	pH Value	IS 3025 (Part 11, Clause 2)
201	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate	IS 11624
202	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate	SOP WW-062
203	CHEMICAL- WATER	Irrigation Water	Sodium Absorption Ratio	IS 11624
204	CHEMICAL- WATER	Irrigation Water	Sodium Absorption Ratio	SOP WW-063
205	CHEMICAL- WATER	Irrigation Water	Sulphates as SO4	APHA 23rd Edition 4500 SO42- E
206	CHEMICAL- WATER	Irrigation Water	Sulphates as SO4	IS 3025 (Part 24)
207	CHEMICAL- WATER	Irrigation Water	Temperature	APHA 23rd Edition 2550 B
208	CHEMICAL- WATER	Irrigation Water	Temperature	IS 3025 (Part 9)
209	CHEMICAL- WATER	Irrigation Water	Total Acidity as CaCO3	APHA 23rd Edition 2310 B
210	CHEMICAL- WATER	Irrigation Water	Total Acidity as CaCO3	IS 3025 (Part 22)
211	CHEMICAL- WATER	Irrigation Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
212	CHEMICAL- WATER	Irrigation Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
213	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
214	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids	IS 3025 (Part 16)
215	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
216	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	IS 3025 (Part 21)
217	CHEMICAL- WATER	Irrigation Water	Total Phosphorous as P	APHA 23rd Edition 4500 P D

SCOPE OF ACCREDITATION

Laboratory Name : SANTHOME ENVIRO SERVICES, 3/4, PILLAIYAR KOIL STREET, JAFFERKHANPET, CHENNAI, TAMIL NADU, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
218	CHEMICAL- WATER	Irrigation Water	Total Phosphorous as P	IS 3025 (Part 31)
219	CHEMICAL- WATER	Irrigation Water	Total Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
220	CHEMICAL- WATER	Irrigation Water	Total Silica as SiO2	IS 3025 (Part 35)
221	CHEMICAL- WATER	Irrigation Water	Turbidity	APHA 23rd Edition 2130 B
222	CHEMICAL- WATER	Irrigation Water	Turbidity	IS 3025 (Part 10)
223	CHEMICAL- WATER	Surface Water	Boron as B	APHA 23rd Edition 4500 B B
224	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
225	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part 40)
226	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500 Ca B
227	CHEMICAL- WATER	Surface Water	Carbonate Hardness as CaCO3	APHA 23rd Edition 2340A
228	CHEMICAL- WATER	Surface Water	Chlorides as Cl	APHA 23rd Edition 4500 Cl- B
229	CHEMICAL- WATER	Surface Water	Chlorides as Cl	IS 3025 (Part 32)
230	CHEMICAL- WATER	Surface Water	Electrical Conductivity	APHA 23rd Edition 2510 B
231	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 (Part 14)
232	CHEMICAL- WATER	Surface Water	Fluoride as F	APHA 23rd Edition 4500 F D
233	CHEMICAL- WATER	Surface Water	Free Residual Chlorine as Cl2	APHA 23rd Edition 4500 Cl B
234	CHEMICAL- WATER	Surface Water	Free Residual Chlorine as Cl2	IS 3025 (Part 26)
235	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edition 2340 B
236	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025 (Part 46)
237	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500 Mg- B
238	CHEMICAL- WATER	Surface Water	Nitrate as NO3	APHA 23rd Edition 4500 NO3 B
239	CHEMICAL- WATER	Surface Water	Non carbonate- Hardness as CaCO3	APHA 23rd Edition 2340A
240	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23rd Edition 3500 K B
241	CHEMICAL- WATER	Surface Water	Potassium as K	IS 3025 (Part 45)
242	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Edition 3500 Na B
243	CHEMICAL- WATER	Surface Water	Sodium as Na	IS 3025 (Part 45)
244	CHEMICAL- WATER	Surface Water	Sulfide as S	APHA 23rd Edition 4500 S2- F
245	CHEMICAL- WATER	Surface Water	Sulfide as S	IS 3025 (Part 29)
246	CHEMICAL- WATER	Surface Water	Sulphates as SO4	APHA 23rd Edition 4500 (SO4)2- E

SCOPE OF ACCREDITATION

Laboratory Name : SANTHOME ENVIRO SERVICES, 3/4, PILLAIYAR KOIL STREET, JAFFERKHANPET, CHENNAI, TAMIL NADU, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
247	CHEMICAL- WATER	Surface Water	Sulphates as SO4	IS 3025 (Part 24)
248	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
249	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
250	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
251	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part 16)
252	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
253	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 (Part 21)
254	CHEMICAL- WATER	Surface Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe- B
255	CHEMICAL- WATER	Surface Water	Total Iron as Fe	IS 3025 (Part 53)
256	CHEMICAL- WATER	Surface Water	Total Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
257	CHEMICAL- WATER	Surface Water	Total Silica as SiO2	IS 3025 (Part 35)
258	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition 2130 B
259	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
260	CHEMICAL- WATER	Swimming Pool Water	Chlorides as Cl	APHA 23rd Edition 4500 Cl- B
261	CHEMICAL- WATER	Swimming Pool Water	Chlorides as Cl	IS 3025 (Part 32, Clause 2)
262	CHEMICAL- WATER	Swimming Pool Water	Electrical Conductivity	APHA 23rd Edition 2510 B
263	CHEMICAL- WATER	Swimming Pool Water	Electrical Conductivity	IS 3025 (Part 14)
264	CHEMICAL- WATER	Swimming Pool Water	Odor	IS 3025 (Part 5)
265	CHEMICAL- WATER	Swimming Pool Water	Oxygen Absorbed after 4 hrs	IS 3025 (Part 63)
266	CHEMICAL- WATER	Swimming Pool Water	pH Value	APHA 23rd Edition 4500 H+
267	CHEMICAL- WATER	Swimming Pool Water	pH Value	IS 3025 (Part 11)
268	CHEMICAL- WATER	Swimming Pool Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
269	CHEMICAL- WATER	Swimming Pool Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
270	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
271	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids	IS 3025 (Part 16)
272	CHEMICAL- WATER	Swimming Pool Water	Total Iron as Fe	APHA 23rd Edition 3500 Fe- B
273	CHEMICAL- WATER	Swimming Pool Water	Total Iron as Fe	IS 3025 (Part 53)
274	CHEMICAL- WATER	Swimming Pool Water	Turbidity	APHA 23rd Edition 2130 B
275	CHEMICAL- WATER	Swimming Pool Water	Turbidity	IS 3025 (Part 10)
276	CHEMICAL- WATER	Water From Purifiers	Boron as B	APHA 23rd Edition 4500 B B

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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277	CHEMICAL- WATER	Water From Purifiers	Chlorides as Cl	APHA 23rd Edition 4500 Cl- B
278	CHEMICAL- WATER	Water From Purifiers	Chlorides as Cl	IS 3025 (Part 32)
279	CHEMICAL- WATER	Water From Purifiers	Fluoride as F	APHA 23rd Edition 4500 F D
280	CHEMICAL- WATER	Water From Purifiers	Magnesium as Mg	APHA 23rd Edition 2340 B
281	CHEMICAL- WATER	Water From Purifiers	Magnesium as Mg	IS 3025 (Part 46)
282	CHEMICAL- WATER	Water From Purifiers	Nitrate as NO3	APHA 23rd Edition 4500 NO3 B
283	CHEMICAL- WATER	Water From Purifiers	Odor	IS 3025 (Part 5)
284	CHEMICAL- WATER	Water From Purifiers	Percentage Sodium	IS 11624
285	CHEMICAL- WATER	Water From Purifiers	Percentage Sodium	SOP WW-061
286	CHEMICAL- WATER	Water From Purifiers	pH Value	APHA 23rd Edition 4500 H+
287	CHEMICAL- WATER	Water From Purifiers	pH Value	IS 3025 (Part 11)
288	CHEMICAL- WATER	Water From Purifiers	Residual Sodium Carbonate	IS 11624
289	CHEMICAL- WATER	Water From Purifiers	Residual Sodium Carbonate	SOP WW-062
290	CHEMICAL- WATER	Water From Purifiers	Sodium Absorption Ratio	IS 11624
291	CHEMICAL- WATER	Water From Purifiers	Sodium Absorption Ratio	SOP WW-063
292	CHEMICAL- WATER	Water From Purifiers	Sulphates as SO4	APHA 23rd Edition 4500 SO42- E
293	CHEMICAL- WATER	Water From Purifiers	Sulphates as SO4	IS 3025 (Part 24)
294	CHEMICAL- WATER	Water From Purifiers	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
295	CHEMICAL- WATER	Water From Purifiers	Total Hardness as CaCO3	IS 3025 (Part 21)
296	CHEMICAL- WATER	Water From Purifiers	Total Iron as Fe	APHA 23rd Edition 3500 Fe- B
297	CHEMICAL- WATER	Water From Purifiers	Total Iron as Fe	IS 3025 (Part 53)
298	CHEMICAL- WATER	Water From Purifiers	Total Solids	APHA 23rd Edition 2540B
299	CHEMICAL- WATER	Water From Purifiers	Total Solids	IS 3025 (Part 15)
300	CHEMICAL- WATER	Water From Purifiers	Turbidity	APHA 23rd Edition 2130 B
301	CHEMICAL- WATER	Water From Purifiers	Turbidity	IS 3025 (Part 10)