National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LOTUS WATER FOOD TESTING AND RESEARCH LABORATORY PRIVATE LIMITED, OFFICE NO.29 AND 38 , FLOOR NO.1, SANGHAVI COMPLEX, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11226 **Page No** 1 of 3

Validity 20/12/2022 to 19/12/2024 **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	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage water	Biochemical Oxygen Demand	IS 3025 (Part 44)
2	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage water	Chemical Oxygen Demand	APHA 5220 C, 23rd edition
3	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage water	pH	APHA 4500 H+ B, 23rd edition
4	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage water	Total Suspended Solids	APHA 2540 D, 23rd edition
5	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage water	Total Dissolved Solids	APHA 2540 C, 23rd edition
6	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA 3500 Ca B, 23rd edition
7	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 4500 Cl C, 23rd edition
8	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 2510 B, 23rd edition
9	CHEMICAL- WATER	Drinking Water	Magnesium Hardness	APHA 3500-Mg B, 23rd edition
10	CHEMICAL- WATER	Drinking Water	pH	APHA 4500 H+ B, 23rd edition
11	CHEMICAL- WATER	Drinking Water	Sulfate as SO4	APHA 4500 SO4 E, 23rd edition
12	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 2320 B, 23rd edition
13	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 2540 C, 23rd edition
14	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 2340 C, 23rd edition
15	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 2130 B, 23rd edition
16	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
17	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3	APHA 3500 Ca B, 23rd edition
18	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 5220 C, 23rd edition
19	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 4500 Cl C, 23rd edition
20	CHEMICAL- WATER	Ground Water	Conductivity	APHA 2510 B, 23rd edition
21	CHEMICAL- WATER	Ground Water	Dissolved Silica as SiO2	APHA 4500-SiO2 D, 23rd edition
22	CHEMICAL- WATER	Ground Water	Magnesium Hardness	APHA 3500-Mg B, 23rd edition
23	CHEMICAL- WATER	Ground Water	P-Alkalinity as CaCO3	APHA 2320 B, 23rd edition
24	CHEMICAL- WATER	Ground Water	pH	APHA 4500 H+ B, 23rd edition
25	CHEMICAL- WATER	Ground Water	Phosphate as PO4	APHA 4500 P D, 23rd edition
26	CHEMICAL- WATER	Ground Water	Sulfate as SO4	APHA 4500 SO4 E, 23rd edition

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27	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA 2320 B, 23rd edition
28	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 2540 C, 23rd edition
29	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 2340 C, 23rd edition
30	CHEMICAL- WATER	Ground Water	Turbidity	APHA 2130 B, 23rd edition
31	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
32	CHEMICAL- WATER	Industrial Water	Calcium Hardness as CaCO3	APHA 3500 Ca B, 23rd edition
33	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand	APHA 5220 C, 23rd edition
34	CHEMICAL- WATER	Industrial Water	Chloride as Cl	APHA 4500 Cl C, 23rd edition
35	CHEMICAL- WATER	Industrial Water	Conductivity	APHA 2510 B, 23rd edition
36	CHEMICAL- WATER	Industrial Water	Dissolved Silica as SiO2	APHA 4500-SiO2 D, 23rd edition
37	CHEMICAL- WATER	Industrial Water	Magnesium Hardness	APHA 3500-Mg B, 23rd edition
38	CHEMICAL- WATER	Industrial Water	P-Alkalinity as CaCO3	APHA 2320 B, 23rd edition
39	CHEMICAL- WATER	Industrial Water	pH	APHA 4500 H+ B, 23rd edition
40	CHEMICAL- WATER	Industrial Water	Phosphate as PO4	APHA 4500 P D, 23rd edition
41	CHEMICAL- WATER	Industrial Water	Sulfate as SO4	APHA 4500 SO4 E, 23rd edition
42	CHEMICAL- WATER	Industrial Water	Total Alkalinity as CaCO3	APHA 2320 B, 23rd edition
43	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	APHA 2540 C, 23rd edition
44	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	APHA 2340 C, 23rd edition
45	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	APHA 2540 D, 23rd edition
46	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 2130 B, 23rd edition
47	CHEMICAL- WATER	Surface water	Biochemical Oxygen Demand	IS 3025 (Part 44)
48	CHEMICAL- WATER	Surface water	Calcium Hardness as CaCO3	APHA 3500 Ca B, 23rd edition
49	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand	APHA 5220 C, 23rd edition
50	CHEMICAL- WATER	Surface water	Chloride as Cl	APHA 4500 Cl C, 23rd edition
51	CHEMICAL- WATER	Surface water	Conductivity	APHA 2510 B, 23rd edition
52	CHEMICAL- WATER	Surface water	Dissolved Silica as SiO2	APHA 4500-SiO2 D, 23rd edition
53	CHEMICAL- WATER	Surface water	Magnesium Hardness	APHA 3500-Mg B, 23rd edition
54	CHEMICAL- WATER	Surface water	P-Alkalinity as CaCO3	APHA 2320 B, 23rd edition
55	CHEMICAL- WATER	Surface Water	pH	APHA 4500 H+ B, 23rd edition

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56	CHEMICAL- WATER	Surface water	Phosphate as PO4	APHA 4500 P D, 23rd edition
57	CHEMICAL- WATER	Surface water	Sulfate as SO4	APHA 4500 SO4 E, 23rd edition
58	CHEMICAL- WATER	Surface water	Total Alkalinity as CaCO3	APHA 2320 B, 23rd edition
59	CHEMICAL- WATER	Surface water	Total Dissolved Solids	APHA 2540 C, 23rd edition
60	CHEMICAL- WATER	Surface water	Total Hardness as CaCO3	APHA 2340 C, 23rd edition
61	CHEMICAL- WATER	Surface water	Total Suspended Solids	APHA 2540 D, 23rd edition
62	CHEMICAL- WATER	Surface water	Turbidity	APHA 2130 B, 23rd edition
63	CHEMICAL- WATER	Water for construction purpose	Acidity as CaCO3	APHA 2310 B, 23rd edition
64	CHEMICAL- WATER	Water for construction purpose	Calcium Hardness as CaCO3	APHA 3500 Ca B, 23rd edition
65	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	APHA 4500 Cl C, 23rd edition
66	CHEMICAL- WATER	Water for construction purpose	pH	APHA 4500 H+ B, 23rd edition
67	CHEMICAL- WATER	Water for construction purpose	Sulfate as SO4	APHA 4500 SO4 E, 23rd edition
68	CHEMICAL- WATER	Water for construction purpose	Total Alkalinity as CaCO3	APHA 2320 B, 23rd edition
69	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	APHA 2540 C, 23rd edition
70	CHEMICAL- WATER	Water for construction purpose	Total Hardness as CaCO3	APHA 2340 C, 23rd edition
71	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	APHA 2540 D, 23rd edition
72	CHEMICAL- WATER	Water for Swimming Pool	Calcium Hardness as CaCO3	APHA 3500 Ca B, 23rd edition
73	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	APHA 4500 Cl C, 23rd edition
74	CHEMICAL- WATER	Water for Swimming Pool	pH	APHA 4500 H+ B, 23rd edition
75	CHEMICAL- WATER	Water for Swimming Pool	Sulfate as SO4	APHA 4500 SO4 E, 23rd edition
76	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	APHA 2320 B, 23rd edition
77	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	APHA 2540 C, 23rd edition
78	CHEMICAL- WATER	Water for Swimming Pool	Total Hardness as CaCO3	APHA 2340 C, 23rd edition
79	CHEMICAL- WATER	Water for Swimming Pool	Total Suspended Solids	APHA 2540 D, 23rd edition
80	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	APHA 2130 B, 23rd edition