National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	SAVANT ENVITECH PRIVATE LIMITED, 1ST FLOOR, FLOT NO: 203, H.NO:5-36/203 PRASHANTI NAGAR, IDA KUKATPALLY, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8377
Validity	01/03/2022 to 29/02/2024

Last Amended on 17/03/2022

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 (NH3)	Guidelines for the Measurement of Ambient Air Pollutants Volume-I (NAAQMS/36/2012-13) (Indophenol Method)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS 5182 (Part 22)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS 5182 (Part 6)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS 5182 (Part 9)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10 (Particulate Matter Size less than 10 µm) / Respirable Suspended Particulate Matter	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM2.5 (Particulate Matter Size less than 2.5 µm)	Guidelines for the Measurement of Ambient Air Pollutants Volume-I (NAAQMS/36/2012-13)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Pollution	Noise Level, Leq	IS 9989
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part 1)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Calcium as Ca	Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture Government of India, Lab STP No: SEPL/STP/SOIL/LAB-248 :Issue/Rev:02/02; Dated 28th October

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8377	**Page No**	2 of 12
Validity	01/03/2022 to 29/02/2024	**Last Amended on**	17/03/2022

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13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Magnesium as Mg	Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture Government of India, Lab STP No. SEPL/STP/SOIL/LAB-248 :Issue/Rev:02/02; Dated : 28th October
14	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Phosphorus (P)	Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture Government of India; Lab STP No: SEPL/STP/SOIL/LAB-247:Issue/Rev:02/02; 28th October
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Potassium (K)	Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture Government of India, Lab STP No: SEPL/STP/SOIL/LAB-252:Issue/Rev:02/02; 28th October
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Sodium (Na)	Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture Government of India; Lab STP No: SEPL/STP/SOIL/LAB-253:Issue/Rev:02/02; 28th October
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Bulk Density	IS 2720 (Part 29)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cadmium (Cd)	USEPA 3050B (Acid Digestion) & 7000B AAS
19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chromium (Cr)	USEPA 3050B (Acid Digestion) & 7000B AAS
20	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Conductivity	IS 14767
21	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper (Cu)	USEPA 3050B (Acid Digestion) & 7000B AAS
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Iron (Fe)	USEPA 3050B & Iron by UV-VIS Spectrophotometer, STP No. SEPL/STP/SOIL/LAB-278:Issue/Rev:02/02; Dated: 28th October

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8377	**Page No**	3 of 12
Validity	01/03/2022 to 29/02/2024	**Last Amended on**	17/03/2022

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23	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Lead (Pb)	USEPA 3050B (Acid Digestion) & 7000B AAS
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Moisture (Water Content)	IS 2720 (Part 2) Oven Dry Method
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nickel (Ni)	USEPA 3050B (Acid Digestion) & 7000B AAS
26	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon	IS 2720 (Part 22)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS 2720 (Part 26)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Chlorides al Cl	Soil, Plant and Water Analysis Laboratory Manual (ICARDA : International Center for Agricultural Research Lab) STP No: SEPL/STP/SOIL/LAB-254; Issue/Rev:02/02; Dated : 28th October
29	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Sulphates as SO4	IS 2720 (Part 27)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Nitrogen	IS 14684
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc (Zn)	USEPA 3050B (Acid Digestion) & 7000B AAS
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Magnesium (Mg)	APHA 23rd Edition, 3500 Mg B (Calculation Method)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cobalt (Co)	APHA 23rd Edition, 3111 B
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	APHA 23rd Edition, 4500 O C
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Selenium (Se)	APHA 23rd Edition, 3114C
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Silica as SiO2	APHA 23rd Edition, 4500 SiO2 C
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Acidity as CaCO3	APHA 23rd Edition, 2310 B
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Aluminum (Al)	APHA 23rd Edition, 3500 Al B

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8377	**Page No**	4 of 12
Validity	01/03/2022 to 29/02/2024	**Last Amended on**	17/03/2022

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40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Arsenic (As)	SEPL/STP/W-WW/LAB-340, Issue/Rev No. 02/01; 1st June
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand (3 Days at 27 ºC)	IS 3025 (Part 44)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron (B)	APHA 23rd Edition, 4500 B B (Curcumin Method)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cadmium (Cd)	APHA 23rd Edition, 3111 B
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium (Ca)	APHA 23rd Edition, 3500 Ca B
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Copper (Cu)	APHA 23rd Edition, 3111 B
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cyanide (CN)	APHA 23rd Edition, 4500 CN- C, E
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	APHA23rd Edition, 2510 B
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed Solids	APHA 23rd Edition, 2540 E
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluorides (F-)	APHA 23rd Edition, 4500 F- D
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexavalent Chromium (Cr+6)	APHA 23rd Edition, 3500 Cr B
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron (Fe)	APHA 23rd Edition, 3500 Fe B
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Lead (Pb)	APHA 23rd Edition, 3111 B
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Manganese (Mn)	APHA 23rd Edition, 3500 Mn B
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Mercury (Hg)	SEPL/STP/W-WW/LAB-275:Issue/Rev:02/02; 03rd November
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nickel (Ni)	APHA 23rd Edition, 3111 B

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Certificate Number	TC-8377	**Page No**	5 of 12
Validity	01/03/2022 to 29/02/2024	**Last Amended on**	17/03/2022

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58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate Nitrogen as N	IS 3025 (Part 34) (3.4; Page.10, 11) Devardo's Alloy Reduction Method
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite Nitrogen as N	APHA 23rd Edition, 4500 NO2–B (Colorimetric Method)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrogen (Ammonia) as N	APHA 23rd Edition, 4500 NH3 B, C
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrogen (Organic) as N	APHA 23rd Edition, 4500 N(org) B
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA 23rd Edition, 5520 B
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	APHA 23rd Edition, 4500 H+ B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenolic Compounds as Phenols	APHA 23rd Edition, 5530 D (Direct Photometric Method)
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphorus as P	APHA 23rd Edition, 4500 P C
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium (K)	APHA 23rd Edition, 3500 K B
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Chlorine as Cl	APHA 23rd Edition, 4500 Cl B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium (Na)	APHA 23rd Edition, 3500 Na B
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphates as SO4-2	APHA 23rd Edition, 4500 SO4-2 D
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide as S-2	APHA 23rd Edition, 4500 S2 F
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphite as SO3-2	APHA 23rd Edition, 4500 SO3-2 B
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA 23rd Edition, 2550 A,B
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Chromium as Cr	APHA 23rd Edition, 3111 B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids at 180°C	APHA 23rd Edition, 2540 C
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C

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Certificate Number	TC-8377	**Page No**	6 of 12
Validity	01/03/2022 to 29/02/2024	**Last Amended on**	17/03/2022

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76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids at 103°C-105°C	APHA 23rd Edition, 2540 B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids at 103°C-105°C	APHA 23rd Edition, 2540 D
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	APHA 23rd Edition, 2130 B
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Vanadium (V)	APHA 23rd Edition, 3500 V B
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile Solids	APHA 23rd Edition, 2540 E
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Zinc (Zn)	APHA 23rd Edition, 3111 B
82	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Aluminium (Al)	APHA 23rd Edition, 3500 Al B
83	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Arsenic (As)	SEPL/STP/W-WW/LAB-340, Issue/Rev No. 01/01; Dated: 03rd November
84	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Boron (B)	APHA 23rd Edition, 4500 B B (Curcumin Method)
85	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Cadmium (Cd)	APHA 23rd Edition, 3111 B
86	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Cobalt (Co)	APHA 23rd Edition, AAS 3111 B
87	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Copper (Cu)	APHA 23rd Edition, 3111 B
88	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Hexavalent Chromium as Cr+6	APHA 23rd Edition 3500 Cr B
89	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Iron (Fe)	APHA 23rd Edition, 3500 Fe B
90	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Lead (Pb)	APHA 23rd Edition, 3111 B
91	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Manganese (Mn)	APHA 23rd Edition, 3500 Mn B
92	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Mercury (Hg)	SEPL/STP/W-WW/LAB-275; Issue/Rev No. 02/02, Dated : 03rd November
93	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Nickel (Ni)	APHA 23rd Edition, 3111 B

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Page No	7 of 12
Validity	01/03/2022 to 29/02/2024
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94	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Total Chromium as Cr	APHA 23rd Edition, 3111 B
95	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Vanadium (V)	APHA 23rd Edition, 3500 V B
96	CHEMICAL- RESIDUES IN WATER	Ground Water, Industrial Water, Irrigation Water, Surface Water and Drinking Water	Zinc (Zn)	APHA 23rd Edition, 3111 B
97	CHEMICAL- WATER	Drinking Water	Ammonia (Total Ammonia as N)	APHA 23rd Edition, 4500 NH3 C
98	CHEMICAL- WATER	Drinking Water	Calcium (Ca)	APHA 23rd Edition, 3500 Ca B
99	CHEMICAL- WATER	Drinking Water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl-B
100	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition, 2120 C
101	CHEMICAL- WATER	Drinking Water	Cyanide (CN)	APHA 23rd Edition, 4500 CN- E
102	CHEMICAL- WATER	Drinking Water	Fluoride as F-	APHA 23rd Edition, 4500 F- D
103	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	APHA 23rd Edition, 4500 Cl B
104	CHEMICAL- WATER	Drinking Water	Magnesium (Mg)	APHA 23rd Edition, 3500 Mg B (Calculation Method)
105	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Edition, 4500 NO3 B
106	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition, 4500 H+ B
107	CHEMICAL- WATER	Drinking Water	Phenolic Compounds (C6H5OH)	APHA 23rd Edition, 5530 D (Direct Photometric Method)
108	CHEMICAL- WATER	Drinking Water	Potassium (K)	APHA 23rd Edition, 3500 K B
109	CHEMICAL- WATER	Drinking Water	Sodium (Na)	APHA 23rd Edition, 3500 Na B
110	CHEMICAL- WATER	Drinking Water	Sulphates as SO4	APHA 23rd Edition, 4500 SO4-2 E
111	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
112	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids at 180°C	APHA 23rd Edition, 2540 C
113	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
114	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition, 2130 B
115	CHEMICAL- WATER	Ground Water	Silica as SiO2	APHA 23rd Edition, 4500 SiO2 C
116	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
117	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
118	CHEMICAL- WATER	Ground Water	Ammoniacal Nitrogen as N	APHA 23rd Edition, 4500 NH3 C

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Validity	01/03/2022 to 29/02/2024	**Last Amended on**	17/03/2022

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119	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (3 Days at 27ºC)	IS 3025 (Part 44)
120	CHEMICAL- WATER	Ground Water	Calcium (Ca)	APHA 23rd Edition, 3500 Ca B
121	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
122	CHEMICAL- WATER	Ground Water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B
123	CHEMICAL- WATER	Ground Water	Color	APHA 23rd Edition, 2120 C
124	CHEMICAL- WATER	Ground Water	Conductivity	APHA 23rd Edition, 2510 B
125	CHEMICAL- WATER	Ground Water	Cyanide (CN)	APHA 23rd Edition, 4500 CN- E
126	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd Edition 4500 O C
127	CHEMICAL- WATER	Ground Water	Fluorides as F-	APHA 23rd Edition, 4500 F- D
128	CHEMICAL- WATER	Ground Water	Magnesium (Mg)	APHA 23rd Edition, 3500 Mg B (Calculation Method)
129	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen as N	APHA 23rd Edition, 4500 NO3- B
130	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen as N	APHA 23rd Edition, 4500 NO2– B (Colorimetric Method)
131	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition, 5520 B
132	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition, 4500 H+ B
133	CHEMICAL- WATER	Ground Water	Phenolic Compounds as Phenols	APHA 23rd Edition, 5530 D (Direct Photometric Method)
134	CHEMICAL- WATER	Ground Water	Phosphorus as P	APHA 23rd Edition, 4500 P C
135	CHEMICAL- WATER	Ground Water	Potassium (K)	APHA 23rd Edition, 3500 K B
136	CHEMICAL- WATER	Ground Water	Residual Chlorine	APHA 23rd addition: 4500 Cl B
137	CHEMICAL- WATER	Ground Water	Sodium (Na)	APHA 23rd Edition, 3500 Na B
138	CHEMICAL- WATER	Ground Water	Sulphates as SO4-2	APHA 23rd Edition, 4500 SO4-2 E
139	CHEMICAL- WATER	Ground Water	Sulphide as S-2	APHA 23rd Edition, 4500 S2 F
140	CHEMICAL- WATER	Ground Water	Sulphite as SO3-2	APHA 23rd Edition, 4500 SO3-2 B
141	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition, 2550 A, B
142	CHEMICAL- WATER	Ground Water	Total Dissolved Fixed Solids at 550°C	APHA 23rd Edition: 2540 E
143	CHEMICAL- WATER	Ground Water	Total Dissolved Solids at 180°C	APHA 23rd Edition, 2540 C
144	CHEMICAL- WATER	Ground Water	Total Dissolved Volatile Solids	APHA 23rd Edition, 2540 E

SCOPE OF ACCREDITATION

Laboratory Name :	SAVANT ENVITECH PRIVATE LIMITED, 1ST FLOOR, FLOT NO: 203, H.NO:5-36/203 PRASHANTI NAGAR, IDA KUKATPALLY, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8377
Page No	9 of 12
Validity	01/03/2022 to 29/02/2024
Last Amended on	17/03/2022

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145	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
146	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition, 2540 D
147	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition, 2130 B
148	CHEMICAL- WATER	Industrial Water	Calcium (Ca)	APHA 23rd Edition, 3500 Ca B
149	CHEMICAL- WATER	Industrial Water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B
150	CHEMICAL- WATER	Industrial Water	Nitrogen (Organic) N	APHA 23rd Edition, 4500 N(Org) B
151	CHEMICAL- WATER	Industrial Water	Potassium (K)	APHA 23rd Edition, 3500 K B
152	CHEMICAL- WATER	Industrial Water	Sodium (Na)	APHA 23rd Edition, 3500 Na B
153	CHEMICAL- WATER	Industrial Water	Total Dissolved Fixed Solids at 550°C	APHA 23rd Edition, 2540 E
154	CHEMICAL- WATER	Industrial Water	Total Dissolved Volatile Solids	APHA 23rd Edition, 2540 E
155	CHEMICAL- WATER	Industrial Water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
156	CHEMICAL- WATER	Industrial Water	Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
157	CHEMICAL- WATER	Industrial Water	Ammoniacal Nitrogen as N	APHA 23rd Edition, 4500 NH3 C
158	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (3 Days at 27ºC)	IS 3025 (Part 44)
159	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
160	CHEMICAL- WATER	Industrial Water	Color	APHA 23rd Edition, 2120 C
161	CHEMICAL- WATER	Industrial Water	Conductivity	APHA 23rd Edition, 2510 B
162	CHEMICAL- WATER	Industrial Water	Cyanide (CN)	APHA 23rd Edition, 4500 CN- E
163	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	APHA 23rd Edition, 4500 O C
164	CHEMICAL- WATER	Industrial Water	Fluorides as F-	APHA 23rd Edition, 4500 F- D
165	CHEMICAL- WATER	Industrial Water	Magnesium (Mg)	APHA 23rd Edition, 3500 Mg B (Calculation Method)
166	CHEMICAL- WATER	Industrial Water	Nitrate Nitrogen as N	APHA 23rd Edition, 4500 NO3- B
167	CHEMICAL- WATER	Industrial Water	Nitrite Nitrogen as N	APHA 23rd Edition, 4500 NO2– B (Colorimetric Method)
168	CHEMICAL- WATER	Industrial Water	Oil & Grease	APHA 23rd Edition, 5520 B
169	CHEMICAL- WATER	Industrial Water	pH	APHA 23rd Edition, 4500 H+ B
170	CHEMICAL- WATER	Industrial Water	Phenolic Compounds as Phenols	APHA 23rd Edition, 5530 D (Direct Photometric Method)

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Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8377
Page No	10 of 12
Validity	01/03/2022 to 29/02/2024
Last Amended on	17/03/2022

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171	CHEMICAL- WATER	Industrial Water	Phosphorus (P)	APHA 23rd Edition, 4500 P C
172	CHEMICAL- WATER	Industrial Water	Residual Chlorine	APHA 23rd Edition, 4500 Cl B
173	CHEMICAL- WATER	Industrial Water	Silica as SiO2	APHA 23rd Edition, 4500 SiO2 C
174	CHEMICAL- WATER	Industrial Water	Sulphates as SO4-2	APHA 23rd Edition, 4500 SO4-2 D
175	CHEMICAL- WATER	Industrial Water	Sulphide as S-2	APHA 23rd Edition, 4500 S2 F
176	CHEMICAL- WATER	Industrial Water	Sulphite as SO3-2	APHA 23rd Edition, 4500 SO3-2 B
177	CHEMICAL- WATER	Industrial Water	Temperature	APHA 23rd Edition, 2550 A, B
178	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids at 180°C	APHA 23rd Edition, 2540 C
179	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
180	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	APHA 23rd Edition, 2540 D
181	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 23rd Edition, 2130 B
182	CHEMICAL- WATER	Irrigation Water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B
183	CHEMICAL- WATER	Irrigation Water	Potassium (K)	APHA 23rd Edition, 3500 K B
184	CHEMICAL- WATER	Irrigation Water	Silica as SiO2	APHA 23rd Edition, 4500 SiO2 C
185	CHEMICAL- WATER	Irrigation Water	Sodium (Na)	APHA 23rd Edition, 3500 Na B
186	CHEMICAL- WATER	Irrigation Water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
187	CHEMICAL- WATER	Irrigation Water	Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
188	CHEMICAL- WATER	Irrigation Water	Ammoniacal Nitrogen as N	APHA 23rd Edition, 4500 NH3 C
189	CHEMICAL- WATER	Irrigation Water	Biochemical Oxygen Demand (3 Days at 27ºC)	IS 3025 (Part 44)
190	CHEMICAL- WATER	Irrigation Water	Calcium (Ca)	APHA 23rd Edition, 3500 Ca B
191	CHEMICAL- WATER	Irrigation Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
192	CHEMICAL- WATER	Irrigation Water	Color	APHA 23rd Edition, 2120 C
193	CHEMICAL- WATER	Irrigation Water	Conductivity	APHA 23rd Edition, 2510 B
194	CHEMICAL- WATER	Irrigation Water	Cyanide (CN)	APHA 23rd Edition, 4500 CN- E
195	CHEMICAL- WATER	Irrigation Water	Dissolved Oxygen	APHA 23rd Edition: 4500 O C
196	CHEMICAL- WATER	Irrigation Water	Fluorides as F-	APHA 23rd Edition, 4500 F- D
197	CHEMICAL- WATER	Irrigation Water	Magnesium (Mg)	APHA 23rd Edition, 3500 Mg B (Calculation Method)

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8377	**Page No**	11 of 12
Validity	01/03/2022 to 29/02/2024	**Last Amended on**	17/03/2022

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198	CHEMICAL- WATER	Irrigation Water	Nitrate Nitrogen as N	APHA 23rd Edition,4500 NO3- B
199	CHEMICAL- WATER	Irrigation Water	Nitrite Nitrogen as N	APHA 23rd Edition, 4500 NO2–B (Colorimetric Method)
200	CHEMICAL- WATER	Irrigation Water	Nitrogen (Organic) as N	APHA 23rd Edition, 4500 N(Org) B
201	CHEMICAL- WATER	Irrigation Water	Oil & Grease	APHA 23rd Edition, 5520 B
202	CHEMICAL- WATER	Irrigation Water	pH	APHA 23rd Edition, 4500 H+ B
203	CHEMICAL- WATER	Irrigation Water	Phenolic Compounds as Phenols	APHA 23rd Edition, 5530 D (Direct Photometric Method)
204	CHEMICAL- WATER	Irrigation Water	Phosphorus as P	APHA 23rd Edition, 4500 P
205	CHEMICAL- WATER	Irrigation Water	Residual Chlorine	APHA 23rd Edition, 4500 Cl B
206	CHEMICAL- WATER	Irrigation Water	Sulphates as SO4-2	APHA 23rd Edition, 4500 SO4-2 E
207	CHEMICAL- WATER	Irrigation Water	Sulphide as S-2	APHA 23rd Edition, 4500 S2 F
208	CHEMICAL- WATER	Irrigation Water	Sulphite as SO3-2	APHA 23rd Edition, 4500 SO3-2, B
209	CHEMICAL- WATER	Irrigation Water	Temperature	APHA 23rd Edition, 2550 A, B
210	CHEMICAL- WATER	Irrigation Water	Total Dissolved Fixed Solids at 550°C	APHA 23rd Edition, 2540 E
211	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids at 180°C	APHA 23rd Edition, 2540 C
212	CHEMICAL- WATER	Irrigation Water	Total Dissolved Volatile Solids	APHA 23rd Edition, 2540 E
213	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
214	CHEMICAL- WATER	Irrigation Water	Total Suspended Solids	APHA 23rd Edition, 2540 D
215	CHEMICAL- WATER	Irrigation Water	Turbidity	APHA 23rd Edition, 2130 B
216	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
217	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
218	CHEMICAL- WATER	Surface Water	Ammoniacal Nitrogen as N	APHA 23rd Edition, 4500 NH3 C
219	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (3 Days at 27ºC)	IS 3025 (Part 44)
220	CHEMICAL- WATER	Surface Water	Calcium (Ca)	APHA 23rd Edition, 3500 Ca B
221	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
222	CHEMICAL- WATER	Surface Water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B
223	CHEMICAL- WATER	Surface Water	Color	APHA 23rd Edition, 2120 B

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Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8377
Page No	12 of 12
Validity	01/03/2022 to 29/02/2024
Last Amended on	17/03/2022

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224	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edition, 2510 B
225	CHEMICAL- WATER	Surface Water	Cyanide (CN)	APHA 23rd Edition, 4500 CN- E
226	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition, 4500 O C
227	CHEMICAL- WATER	Surface Water	Fluorides as F-	APHA 23rd Edition, 4500 F- D
228	CHEMICAL- WATER	Surface Water	Magnesium (Mg)	APHA 23rd Edition, 3500 Mg B (Calculation Method)
229	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen as N	APHA 23rd Edition, 4500 NO3- B
230	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as N	APHA 23rd Edition, 4500 NO2– B (Colorimetric Method)
231	CHEMICAL- WATER	Surface Water	Nitrogen (Organic) as N	APHA 23rd Edition, 4500 N(Org) B
232	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition, 5520 B
233	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition, 4500 H+ B
234	CHEMICAL- WATER	Surface Water	Phenolic Compounds as Phenols	APHA 23rd Edition, 5530 D (Direct Photometric Method)
235	CHEMICAL- WATER	Surface Water	Phosphorus (P)	APHA 23rd Edition, 4500 P C
236	CHEMICAL- WATER	Surface Water	Potassium (K)	APHA 23rd Edition, 3500 K B
237	CHEMICAL- WATER	Surface Water	Residual Chlorine as Cl	APHA 23rd Edition, 4500 Cl B
238	CHEMICAL- WATER	Surface Water	Silica as SiO2	APHA 23rd Edition, 4500 SiO2 C
239	CHEMICAL- WATER	Surface Water	Sodium (Na)	APHA 23rd Edition, 3500 Na B
240	CHEMICAL- WATER	Surface Water	Sulphates as SO4-2	APHA 23rd Edition, 4500 SO4-2 D
241	CHEMICAL- WATER	Surface Water	Sulphide as S-2	APHA 23rd Edition, 4500 S2 F
242	CHEMICAL- WATER	Surface Water	Sulphite as SO3-2	APHA 23rd Edition, 4500 SO3-2, B
243	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition, 2550 A, B
244	CHEMICAL- WATER	Surface Water	Total Dissolved Fixed Solids	APHA 23rd Edition, 2540 E
245	CHEMICAL- WATER	Surface Water	Total Dissolved Solids at 180°C	APHA 23rd Edition, 2540 C
246	CHEMICAL- WATER	Surface Water	Total Dissolved Volatile Solids	APHA 23rd Edition, 2540 E
247	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
248	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edition, 2540 D
249	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition, 2130 B