National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SABZ CARE ENVIRONMENTAL CONSULTANCY PRIVATE LIMITED, AARATI BHAWAN, BHAWAN BIGHAS, MADHUPUR, DEOGHAR, JHARKHAND, 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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182 PART-25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine	IS 5182 PART -19
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrogen sulphide (H2S)	IS 5182 PART-7
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS 5182 PART -6
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 PART -9
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 Part-23
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	SCECPL/SOP/AA/01
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 PART-2
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level (Leq Value)	IS 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	Metrological parameters	Ambient Temperature	SCECPL.SOP.WS.01, 2021 Ref: US EPA 454/R-99-05
11	CHEMICAL- ATMOSPHERIC POLLUTION	Metrological parameters	Barometric Pressure	SCECPL.SOP.WS.01, 2021 Ref: US EPA 454/R-99-05
12	CHEMICAL- ATMOSPHERIC POLLUTION	Metrological parameters	Rain Fall	SCECPL.SOP.WS.01, 2021 Ref: US EPA 454/R-99-05
13	CHEMICAL- ATMOSPHERIC POLLUTION	Metrological parameters	Relative Humidity	SCECPL.SOP.WS.01, 2021 Ref: US EPA 454/R-99-05
14	CHEMICAL- ATMOSPHERIC POLLUTION	Metrological parameters	Wind Direction	SCECPL.SOP.WS.01, 2021 Ref: US EPA 454/R-99-05
15	CHEMICAL- ATMOSPHERIC POLLUTION	Metrological parameters	Wind Speed	SCECPL.SOP.WS.01, 2021 Ref: US EPA 454/R-99-05
16	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise	Noise Level	IS 4758
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 PART-6
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO2)	IS 13270

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide(CO)	IS 13270
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen(NOx)	IS 11255 Part-7
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen(O2)	IS 13270
22	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 Part -1
23	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 Part-2
24	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone air	Ammonia	SCECPL/SOP/IA/01
25	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone air	Chlorine (Cl2)	SCECPL/SOP/IA/01
26	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Hydrogen Sulphide (H2S)	SCECPL/SOP/IA/01
27	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone air	Nitrogen Dioxide (NO2)	SCECPL/SOP/IA/01
28	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Ozone (O3)	SCECPL/SOP/IA/01
29	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone air	Particulate Matter (PM2.5)	SCECPL/SOP/IA/01
30	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone air	Respirable Suspended Particulate Matter (PM10)	SCECPL/SOP/IA/01
31	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone air	Sulphur Dioxide (SO2)	SCECPL/SOP/IA/01
32	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Ammonia	SCECPL/SOP/SA/01
33	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bicarbonate	SCECPL/SOP/SA/01
34	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Boron	SCECPL/SOP/SA/01
35	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	IS 2720 PART-7
36	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium as Ca	SCECPL/SOP/SA/01: 2021
37	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium Carbonate	IS 2720 PART-23

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cation Exchange Capacity	IS 2720 PART-24
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chloride as Cl	SCECPL/SOP/SA/01: 2021
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Clay	IS 2720 PART-4
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Colour	SCECPL/SOP/SA/01
42	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	IS 14767
43	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Gypsum	SCECPL/SOP/SA/01
44	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Infiltration Rate	SCECPL/SOP/SA/01
45	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Magnesium as Mg	SCECPL/SOP/SA/01: 2021
46	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	IS 2720 Part-2
47	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nitrate Nitrogen	IS 14684
48	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nitrite Nitrogen	IS 14684
49	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 Part-22
50	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 Part-22
51	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 Part-26
52	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Phosphate as PO4	IS 10158
53	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Phosphorous	IS 10158
54	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Salinity	SCECPL/SOP/SA/01
55	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sand	IS 2720 PART-4
56	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Silt	IS 2720 PART-4

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57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Specific Gravity	IS 2720 PART-29
58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sulphate	IS 2720 PART-27
59	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sulphur	IS 14685
60	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture	IS 2720 P-4
61	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Alkalinity	SCECPL/SOP/SA/01
62	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Kjeldahl Nitrogen	IS 14684
63	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Nitrogen	IS 14684
64	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Phosphate	IS 10158
65	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	IS 14765
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA 4500-NH3-C,23rd Edition
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Anionic Surfactant	APHA 5540-C,23RD ED.
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD FOR 3 DAYS AT 27°C	IS 3025 PART-44
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD FOR 5 DAYS AT 20°C	APHA 5210-B & D, 23 RD EDITION
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron	APHA -4500-B,23RD EDITION
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA 3500 Ca-b,23rd edition
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA -5220-B,23RD EDITION
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	APHA-4500-Cl-B,23RD EDITION
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium Hexavalent	APHA 3500-B, 23RD EDITION
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Color	APHA 2120-B,23RD EDITION

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76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanide	APHA 4500-CN-C & E,23RD EDITION
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA -4500 :O-B,23RD EDITION
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA 2510-B,23RD EDITION
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solid	APHA 2540G,23rd Edition
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride	APHA 4500-F,D,23RD EDITION
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	APHA 3500-Mg-B: 23rd ED.
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Odor	APHA 2150 B,23RD EDITION
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 5520B, 23RD EDITION
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 4500H+B,23rd Edition
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compound	APHA 5530-C,23RD EDITION
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	APHA 4500-SiO2,-C,23rd Edition
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulfide (S)	APHA 4500-S. D,23RD EDITION
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate (SO4)	APHA 4500-SO4-E,23RD EDITION
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 2550-B,23RD EDITION
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity as CaCO3	APHA 2320-B,23RD EDITION
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solid	APHA 2540-C,23RD EDITION
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 2340-C-23RD EDITION
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 4500-Norg-B,23RD EDITION
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Residual Chlorine	APHA 4500-Cl,B-23RD EDITION

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95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solid	APHA 2540D-,23RD EDITION
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA-2130-B,23RD EDITION
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solid	APHA-2540-G-23RD EDITION
98	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium	IS 3025 Part-55 a) Eriochrome Cyanine R Method
99	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic	IS :3025 PART-37, Silver Diethyl Dithiocarbamate Method
100	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper as Cu	IS : 3025 PART -42, a) Neocuproine Method
101	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	IS : 3025 Part-53,a) 1,10 Phenanthroline Method
102	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead as Pb	IS : 3025 Part-47,iv) Dithizone method
103	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese as Mn	IS : 3025 Part 59,b) Formaldoxime Spectrometric Method
104	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel as Ni	IS : 3025 PART-54,a) Dimethylglyoxime method,
105	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium as Cr	IS : 3025 Part-52,i) Diphenylcarbazide Method
106	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc as Zn	IS : 3025 PART-49,i) Zincon Method
107	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium as Al	IS : 3025 Part-55,a) Eriochrome Cyanine R Method
108	CHEMICAL- RESIDUES IN WATER	Ground Water	Arsenic	IS :3025 PART-37, Silver Diethyl Dithiocarbamate Method
109	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper as Cu	IS : 3025 PART -42, a) Neocuproine Method
110	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron as Fe	IS : 3025 Part-53,a) 1,10 Phenanthroline Method
111	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead as Pb	IS : 3025 Part-47,iv) Dithizone method

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112	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese as Mn	IS : 3025 Part 59,b) Formaldoxime Spectrometric Method
113	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel as Ni	IS : 3025 PART-54,a) Dimethylglyoxime method
114	CHEMICAL- RESIDUES IN WATER	Ground Water	Total Chromium as Cr	IS : 3025 Part-52,i) Diphenylcarbazide Method
115	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc as Zn	IS : 3025 PART-49,i) Zincon Method
116	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Aluminium as Al	IS : 3025 Part-55,a) Eriochrome Cyanine R Method
117	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Copper as Cu	IS : 3025 PART -42, a) Neocuproine Method
118	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Iron as Fe	IS : 3025 Part-53,a) 1,10 Phenanthroline Method
119	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Lead as Pb	IS : 3025 Part-47,iv) Dithizone method
120	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Manganese as Mn	IS : 3025 Part-59,b) Formaldoxime Spectrometric Method
121	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Nickel as Ni	IS : 3025 PART-54,a) Dimethylglyoxime method
122	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Total Chromium as Cr	IS : 3025 Part-52,i) Diphenylcarbazide Method
123	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Zinc as Zn	IS : 3025 PART-49,i) Zincon Method
124	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium as Al	IS : 3025 Part-55,a) Eriochrome Cyanine R Method
125	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper as Cu	IS : 3025 PART -42, a) Neocuproine Method
126	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron as Fe	IS : 3025 Part-53,a) 1,10 Phenanthroline Method
127	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead as Pb	IS : 3025 Part-47,iv) Dithizone method
128	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese as Mn	IS : 3025 Part-59,b) Formaldoxime Spectrometric Method
129	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel as Ni	IS : 3025 PART-54,a) Dimethylglyoxime method

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130	CHEMICAL- RESIDUES IN WATER	Surface Water	Total Chromium as Cr	IS : 3025 Part-52,i) Diphenylcarbazide Method
131	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc	IS : 3025 PART-49,i) Zincon Method
132	CHEMICAL- RESIDUES IN WATER	Waste Water	Aluminium as Al	IS : 3025 Part-55,a) Eriochrome Cyanine R Method
133	CHEMICAL- RESIDUES IN WATER	Waste Water	Arsenic	IS :3025 PART-37, Silver Diethyl Dithiocarbamate Method
134	CHEMICAL- RESIDUES IN WATER	Waste Water	Copper as Cu	IS : 3025 PART -42, a) Neocuproine Method
135	CHEMICAL- RESIDUES IN WATER	Waste Water	Iron as Fe	IS : 3025 Part-53,a) 1,10 Phenanthroline Method
136	CHEMICAL- RESIDUES IN WATER	Waste Water	Lead as Pb	IS : 3025 Part-47,iv) Dithizone method
137	CHEMICAL- RESIDUES IN WATER	Waste Water	Manganese as Mn	IS : 3025 Part-59,b) Formaldoxime Spectrometric Method
138	CHEMICAL- RESIDUES IN WATER	Waste Water	Nickel as Ni	IS : 3025 PART-54,a) Dimethylglyoxime method
139	CHEMICAL- RESIDUES IN WATER	Waste Water	Total Chromium as Cr	IS : 3025 Part-52,i) Diphenylcarbazide Method
140	CHEMICAL- RESIDUES IN WATER	Waste Water	Zinc as Zn	IS : 3025 PART-49,i) Zincon Method
141	CHEMICAL- WATER	Drinking Water	Anionic Detergent	IS : 3025 P-68
142	CHEMICAL- WATER	Drinking Water	Boron as B	IS : 3025 P-57
143	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS : 3025 P-40
144	CHEMICAL- WATER	Drinking Water	Chloramine	IS : 3025 P-26
145	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS : 3025 P-32
146	CHEMICAL- WATER	Drinking Water	Color	IS : 3025 P-4
147	CHEMICAL- WATER	Drinking Water	Cyanide as CN	IS : 3025 P-27
148	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS : 3025 P-14
149	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS : 3025 P-60
150	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS : 3025 P-46
151	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS : 3025 P-34
152	CHEMICAL- WATER	Drinking Water	Nitrite	IS : 3025 P-34

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153	CHEMICAL- WATER	Drinking Water	Odor	IS : 3025 P-5
154	CHEMICAL- WATER	Drinking Water	pH	IS : 3025 P-11
155	CHEMICAL- WATER	Drinking Water	Phosphate	IS : 3025 P-31
156	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS : 3025 P-26
157	CHEMICAL- WATER	Drinking Water	Silica	IS : 3025 P-35
158	CHEMICAL- WATER	Drinking Water	Sulphate	IS : 3025 P-24
159	CHEMICAL- WATER	Drinking Water	Sulphide	IS : 3025 P-29
160	CHEMICAL- WATER	Drinking Water	Temperature	IS : 3025 P-9
161	CHEMICAL- WATER	Drinking Water	Total Acidity	IS : 3025 P-22
162	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS : 3025 P-23
163	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS : 3025 P-16
164	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS : 3025 P-21
165	CHEMICAL- WATER	Drinking Water	Total Solid	IS : 3025 P-15
166	CHEMICAL- WATER	Drinking Water	Turbidity	IS : 3025 P-10
167	CHEMICAL- WATER	Ground Water	Anionic Detergent	IS : 3025 P-68
168	CHEMICAL- WATER	Ground Water	Boron	IS : 3025 P-57
169	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS : 3025 P-40
170	CHEMICAL- WATER	Ground Water	Chloramines	IS : 3025 P-26
171	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS : 3025 P-32
172	CHEMICAL- WATER	Ground Water	Color	IS : 3025 P-4
173	CHEMICAL- WATER	Ground Water	Cyanide	IS : 3025 P-27
174	CHEMICAL- WATER	Ground Water	Electrical Conductivity	IS : 3025 P-14
175	CHEMICAL- WATER	Ground Water	Fluoride as F	IS : 3025 P-60
176	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS : 3025 P-46
177	CHEMICAL- WATER	Ground Water	Nitrate	IS : 3025 P-34
178	CHEMICAL- WATER	Ground Water	Nitrite	IS : 3025 P-34
179	CHEMICAL- WATER	Ground Water	Odor	IS : 3025 P-5
180	CHEMICAL- WATER	Ground Water	pH	IS : 3025 P-11
181	CHEMICAL- WATER	Ground Water	Phosphate	IS : 3025 P-31
182	CHEMICAL- WATER	Ground Water	Residual Free Chlorine	IS 3025 P- 26

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183	CHEMICAL- WATER	Ground Water	Silica	IS : 3025 P-35
184	CHEMICAL- WATER	Ground Water	Sulphate	IS : 3025 P-24
185	CHEMICAL- WATER	Ground Water	Sulphide	IS : 3025 P-29
186	CHEMICAL- WATER	Ground Water	Temperature	IS : 3025 P-9
187	CHEMICAL- WATER	Ground Water	Total Acidity	IS : 3025 P-22
188	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS : 3025 P-23
189	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS : 3025 P-16
190	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS : 3025 P-21
191	CHEMICAL- WATER	Ground Water	Total Solids	IS : 3025 P-15
192	CHEMICAL- WATER	Ground Water	Turbidity	IS : 3025 P-10
193	CHEMICAL- WATER	Packaged Drinking Water	Anionic Detergent	IS : 3025 P-68
194	CHEMICAL- WATER	Packaged Drinking Water	Boron	IS : 3025 P-57
195	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	IS : 3025 P-40
196	CHEMICAL- WATER	Packaged Drinking Water	Chloramine	IS : 3025 P-26
197	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl	IS : 3025 P-32
198	CHEMICAL- WATER	Packaged Drinking Water	Color	IS 3025 P- 4
199	CHEMICAL- WATER	Packaged Drinking Water	Cyanide as CN	IS : 3025 P-27
200	CHEMICAL- WATER	Packaged Drinking Water	Electrical Conductivity	IS : 3025 P-14
201	CHEMICAL- WATER	Packaged Drinking Water	Fluoride as F	IS : 3025 P-60
202	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	IS : 3025 P-46
203	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	IS : 3025 P-34
204	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	IS : 3025 P-34
205	CHEMICAL- WATER	Packaged Drinking Water	Odor	IS : 3025 P-5
206	CHEMICAL- WATER	Packaged Drinking Water	pH	IS : 3025 P-11
207	CHEMICAL- WATER	Packaged Drinking Water	Phosphate	IS : 3025 P-31
208	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chlorine	IS : 3025 P-26
209	CHEMICAL- WATER	Packaged Drinking Water	Silica	IS : 3025 P-35
210	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	IS : 3025 P-24
211	CHEMICAL- WATER	Packaged Drinking Water	Sulphide	IS : 3025 P-29
212	CHEMICAL- WATER	Packaged Drinking Water	Temperature	IS : 3025 P-9

SCOPE OF ACCREDITATION

Laboratory Name : SABZ CARE ENVIRONMENTAL CONSULTANCY PRIVATE LIMITED, AARATI BHAWAN, BHAWAN BIGHAS, MADHUPUR, DEOGHAR, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9948 **Page No** 11 of 12

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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
213	CHEMICAL- WATER	Packaged Drinking Water	Total Acidity	IS : 3025 P-22
214	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity as CaCO3	IS : 3025 P-23
215	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	IS : 3025 P-16
216	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	IS : 3025 P-21
217	CHEMICAL- WATER	Packaged Drinking Water	Total Solids	IS : 3025 P-15
218	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS : 3025 P-10
219	CHEMICAL- WATER	Surface Water	Anionic Detergents	IS : 3025 P-68
220	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand FOR 3 DAYS AT 27 °C	IS : 3025 P-44
221	CHEMICAL- WATER	Surface Water	Boron	IS : 3025 P-57
222	CHEMICAL- WATER	SURFACE WATER	Calcium	IS : 3025 P-40
223	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 5220 B-23RD EDITION
224	CHEMICAL- WATER	surface water	Chloride	IS : 3025 P-32
225	CHEMICAL- WATER	Surface Water	COLOUR	IS : 3025 P-4
226	CHEMICAL- WATER	surface water	Cyanide	IS : 3025 P-27
227	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 4500-O,B,23RD ED.
228	CHEMICAL- WATER	Surface water	Electrical Conductivity	IS : 3025 P-14
229	CHEMICAL- WATER	Surface water	Fluoride	IS : 3025 P-60
230	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS : 3025 P-46
231	CHEMICAL- WATER	Surface Water	Nitrate	IS : 3025 P-34
232	CHEMICAL- WATER	Surface Water	Nitrite	IS : 3025 P-34
233	CHEMICAL- WATER	SURFACE WATER	ODOR	IS : 3025 P-5
234	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 5520-B,23RD EDITION
235	CHEMICAL- WATER	Surface Water	pH	IS : 3025 P-11
236	CHEMICAL- WATER	Surface Water	Phosphate	IS : 3025 P-31
237	CHEMICAL- WATER	Surface Water	Silica	IS : 3025 P-35
238	CHEMICAL- WATER	Surface Water	Sulphate	IS : 3025 P- 24
239	CHEMICAL- WATER	Surface Water	Sulphide	IS : 3025 P-29
240	CHEMICAL- WATER	Surface Water	Temperature	IS : 3025 P-9
241	CHEMICAL- WATER	Surface Water	Total Acidity	IS : 3025 P-22
242	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS : 3025 P-23

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	SABZ CARE ENVIRONMENTAL CONSULTANCY PRIVATE LIMITED, AARATI BHAWAN, BHAWAN BIGHAS, MADHUPUR, DEOGHAR, JHARKHAND, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9948	**Page No**	12 of 12
Validity	06/10/2021 to 05/10/2023	**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
243	CHEMICAL- WATER	SURFACE WATER	Total Dissolved Solids	IS : 3025 P-16
244	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS : 3025 P-21
245	CHEMICAL- WATER	SURFACE WATER	TOTAL KJELDAHL NITROGEN	APHA 4500-N-B,23RD ED.
246	CHEMICAL- WATER	Surface Water	Total Residual Chlorine	APHA 4500-Cl,b-23rd ED.
247	CHEMICAL- WATER	SURFACE WATER	TOTAL SOLIDS	IS : 3025 P-15
248	CHEMICAL- WATER	SURFACE WATER	Total Suspended Solids	APHA 2540-D-23RD ED.
249	CHEMICAL- WATER	SURFACE WATER	Turbidity	IS : 3025 P-10

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.