National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8462
Page No	1 of 10
Validity	14/07/2022 to 13/07/2024
Last Amended on	29/10/2022

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	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water	Escherichia coli	IS 1622
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water	Escherichia coli	IS15185
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water	Fecal coliforms	APHA 23rd Edition, 9222D
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water	Fecal coliforms	IS 1622
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water	Total coliforms	APHA 23rd Edition, 9222B
6	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water	Total coliforms	IS 1622
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliforms	IS 5401 Part 1
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	IS 5887 Part 1
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages	Coliforms	IS 5401 Part 1
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages	Escherichia coli	IS 5887 Part 1
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses and Cereal Products	Coliforms	IS 5401 Part 1
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses and Cereal Products	Escherichia coli	IS 5887 Part 1
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Coliforms	IS 5401 Part 1

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8462 **Page No** 2 of 10

Validity 14/07/2022 to 13/07/2024 **Last Amended on** 29/10/2022

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
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Escherichia coli	IS 5887 Part 1
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat products	Coliforms	IS 5401 Part 1
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat products	Escherichia coli	IS 5887 Part 1
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Coliforms	IS 5401 Part 1
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy products	Escherichia coli	IS 5887 Part 1
19	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	IS 15185
20	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	IS 1622
21	BIOLOGICAL- WATER	Drinking Water	Fecal coliforms	APHA 23rd Edition, 9222 D
22	BIOLOGICAL- WATER	Drinking Water	Fecal coliforms	IS 1622
23	BIOLOGICAL- WATER	Drinking Water	Total Coliforms	APHA 23rd Edition, 9222B
24	BIOLOGICAL- WATER	Drinking Water	Total Coliforms	IS 1622
25	BIOLOGICAL- WATER	Ground Water	Escherichia coli	IS 15185
26	BIOLOGICAL- WATER	Ground Water	Escherichia coli	IS 1622
27	BIOLOGICAL- WATER	Ground Water	Fecal coliforms	APHA 23rd Edition, 9222 D
28	BIOLOGICAL- WATER	Ground Water	Fecal coliforms	IS 1622
29	BIOLOGICAL- WATER	Ground Water	Total Coliforms	APHA 23rd Edition, 9222B
30	BIOLOGICAL- WATER	Ground Water	Total Coliforms	IS 1622
31	BIOLOGICAL- WATER	Packaged Drinking Water	Escherichia coli	IS 15185
32	BIOLOGICAL- WATER	Packaged Drinking Water	Fecal coliforms	APHA 23rd Edition, 9222 D
33	BIOLOGICAL- WATER	Packaged Drinking Water	Total Coliforms	IS 1622
34	BIOLOGICAL- WATER	Purifer Water	Escherichia coli	APHA 23rd Edition, 9222 D
35	BIOLOGICAL- WATER	Purifer Water	Escherichia coli	IS 15185
36	BIOLOGICAL- WATER	Purifer Water	Total Coliforms	IS 1622
37	BIOLOGICAL- WATER	Purifier Water	Escherichia coli	IS 1622

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8462 **Page No** 3 of 10

Validity 14/07/2022 to 13/07/2024 **Last Amended on** 29/10/2022

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
38	BIOLOGICAL- WATER	Purifier Water	Fecal coliforms	IS 1622
39	BIOLOGICAL- WATER	Purifier Water	Total Coliforms	APHA 23rd Edition, 9222B
40	BIOLOGICAL- WATER	Surface Water	Escherichia coli	IS 15185
41	BIOLOGICAL- WATER	Surface Water	Escherichia coli	IS 1622
42	BIOLOGICAL- WATER	Surface Water	Fecal coliforms	APHA 23rd Edition, 9222 D
43	BIOLOGICAL- WATER	Surface Water	Fecal coliforms	IS 1622
44	BIOLOGICAL- WATER	Surface Water	Total Coliforms	APHA 23rd Edition, 9222B
45	BIOLOGICAL- WATER	Surface Water	Total Coliforms	IS 1622
46	BIOLOGICAL- WATER	Swimming Pool Water	Escherichia coli	IS 15185
47	BIOLOGICAL- WATER	Swimming Pool Water	Escherichia coli	IS 1622
48	BIOLOGICAL- WATER	Swimming Pool Water	Fecal coliforms	APHA 23rd Edition, 9222 D
49	BIOLOGICAL- WATER	Swimming Pool Water	Fecal coliforms	IS 1622
50	BIOLOGICAL- WATER	Swimming Pool Water	Total Coliforms	APHA 23rd Edition, 9222B
51	BIOLOGICAL- WATER	Swimming Pool Water	Total Coliforms	IS 1622
52	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	SIRC/OP/305;Issue no: 01; Issue date:27.12.2021
53	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic	SIRC/OP/303;Issue no: 01; Issue date:27.12.2021
54	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzene	IS 5182 part 11
55	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo(a) Pyrene	IS5182 Part 12
56	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	SIRC/OP/311 ;Issue no: 01; Issue date:27.12.2021
57	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	SIRC/OP/313 ;Issue no: 01; Issue date:27.12.2021
58	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide	IS 5182 Part 6
59	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	SIRC/OP/311 ;Issue no: 01; Issue date:27.12.2021
60	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter 10 (PM 10)	IS 5182 Part 23
61	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter 2.5 (PM 2.5)	SIRC/OP/302 ;Issue no: 01; Issue date:27.12.2021

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8462 **Page No** 4 of 10

Validity 14/07/2022 to 13/07/2024 **Last Amended on** 29/10/2022

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
62	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 Part 2
63	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Level	Noise	IS 9989
64	CHEMICAL- ATMOSPHERIC POLLUTION	Compressed Air	Carbon Dioxide	ISO 8573 Part 6
65	CHEMICAL- ATMOSPHERIC POLLUTION	Compressed Air	Carbon Monoxide	ISO 8573 Part 6
66	CHEMICAL- ATMOSPHERIC POLLUTION	Compressed Air	Dew Point	ISO 8573 Part 3
67	CHEMICAL- ATMOSPHERIC POLLUTION	Compressed Air	Nitrogen Dioxide	ISO 8573 Part 6
68	CHEMICAL- ATMOSPHERIC POLLUTION	Compressed Air	Non- Viable Count	ISO 8573 Part 4
69	CHEMICAL- ATMOSPHERIC POLLUTION	Compressed Air	Oil Mist	ISO 8573 Part 5
70	CHEMICAL- ATMOSPHERIC POLLUTION	Compressed Air	Sulphur Dioxide	ISO 8573 Part 6
71	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Ammonia	SIRC/OP/305 ;Issue no: 01; Issue date:27.12.2021
72	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Benzene	IS 5182 Part 11
73	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Carbon Dioxide	SIRC/OP/542 ;Issue no: 01; Issue date:27.12.2021
74	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air quality	Carbon Monoxide	NIOSH 6604
75	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Nitrogen Dioxide	IS 5182 Part 6
76	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Oxygen	SIRC/OP/543 ;Issue no: 01; Issue date:27.12.2021
77	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Ozone	SIRC/OP/311 ;Issue no: 01; Issue date:27.12.2021
78	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Sulphur Dioxide	IS 5182 Part 2
79	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 Part 6
80	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide	SIRC/OP/316 ;Issue no: 01; Issue date:27.12.2021

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8462 **Page No** 5 of 10

Validity 14/07/2022 to 13/07/2024 **Last Amended on** 29/10/2022

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
81	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide	SIRC/OP/316 ;Issue no: 01; Issue date:27.12.2021
82	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Dust Particulate Emission Rate	IS 11255 Part 1
83	CHEMICAL- ATMOSPHERIC POLLUTION	stack Emission	Oxides of Nitrogen	IS 11255 Part 7
84	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	SIRC/OP/316;;Issue no: 01; Issue date:27.12.2021
85	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen	SIRC/OP/316 ;Issue no: 01; Issue date:27.12.2021
86	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter	IS 11255 Part 1
87	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS11255 Part 2
88	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Velocity	IS11255 Part 3
89	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Volume of Flue Gas Discharge	IS 11255 Part 3
90	CHEMICAL- POLLUTION & ENVIRONMENT	Eflluent Water	Bioassay	IS6582
91	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Chloride	SIRC/OP/206 ;Issue no: 01; Issue date:27.12.2021
92	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Alkalinity	SIRC/OP/ 208 ;Issue no: 01; Issue date:27.12.2021
93	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Electrical Conductivity	SIRC/OP/202 ;Issue no: 01; Issue date:27.12.2021
94	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Moisture Content	SIRC/OP/204 ;Issue no: 01; Issue date:27.12.2021
95	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Matter	SIRC/OP/203 ;Issue no: 01; Issue date:27.12.2021
96	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	SIRC/OP/201 ;Issue no: 01; Issue date:27.12.2021
97	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium	SIRC/OP/205 ;Issue no: 01; Issue date:27.12.2021
98	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sulphate	SIRC/OP/207 ;Issue no: 01; Issue date:27.12.2021
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonia (Total Ammonia as N)	APHA 23rd Edition, 4500- NH3 - C

SCOPE OF ACCREDITATION

Laboratory Name :	SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8462	**Page No**	6 of 10
Validity	14/07/2022 to 13/07/2024	**Last Amended on**	29/10/2022

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
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand	APHA 23rd Edition, 5210-B
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand	IS 3025 Part 44
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	APHA 23rd Edition, 3500- Ca- B
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 part 58
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA 23rd Edition, 4500- Cl- B
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium as Cr	APHA 23rd Edition, 3500- Cr- B
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium Hexavalent	APHA 23rd Edition , 3500- Cr- B
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Color	IS 3025 Part 4
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper	APHA 23rd Edition, 3111 B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition, 4500- O- C
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS3025 Part 38
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA 23rd Edition,2510- B
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride	APHA 23rd Edition, 4500- F - D
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	APHA 23rd Edition, 3111- B
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead as Pb	APHA 23rd Edition, 3111- B
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	APHA 23rd Edition, 3500- BMg
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese as Mn	APHA 23rd Edition, 3500- Mn- B
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury as Hg	IS 3015, Part 48

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8462 **Page No** 7 of 10

Validity 14/07/2022 to 13/07/2024 **Last Amended on** 29/10/2022

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
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel as Ni	APHA 23rd Edition, 3111- B
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate	APHA 23rd Edition, 4500- No3 E
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite	APHA 23rd Edition, 4500- B
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Odour	IS 3025 Part 05
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edition, 5520- B
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Percent Sodium	SIRC/OP/136 ;Issue no: 01; Issue date:27.12.2021
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition, 4500 H+- B
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	APHA 23rd Edition, 4500- P- D
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA 23rd Edition, 3500 K
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Sodium Carbonate	SIRC/OP/136 ;Issue no: 01; Issue date:27.12.2021
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	APHA 23rd Edition, 4500- Si02- C
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA 23rd Edition, 3500- Na- B
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium Absorption Ratio	SIRC/OP/136 ;Issue no: 01; Issue date:27.12.2021
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA 23rd Edition, 4500- SO4
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total dissolved Solids	APHA 23rd Edition, 2540- C
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCo3	APHA 23rd Edition, 2340- C
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 23rd Edition, 4500- Norg- B
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition, 2540- D
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 23rd Edition, 2130- B

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8462 **Page No** 8 of 10

Validity 14/07/2022 to 13/07/2024 **Last Amended on** 29/10/2022

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
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc as Zn	APHA 23rd Edition , 3111- B
139	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Aluminum as Al	APHA 23rd Edition, 3500 Al- B
140	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Arsenic as As	APHA 23rd Edition, 3500- As- B
141	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Barium as Ba	IS 13428
142	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Cadmium as Cd	APHA 23rd Edition, 3500
143	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Chromium as Cr	APHA 23rd Edition, 3500- Cr- B
144	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Copper as Cu	APHA 23rd Edition, 3111- B
145	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Iron as Fe	APHA 23rd EDITION, 3111 B
146	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Lead as Pb	APHA 23rd EDITION, 3111 B
147	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Manganese as Mn	APHA 23rd EDITION, 3500- Mn B
148	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Mercury as Hg	IS 3015 Part 48
149	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Nickel as Ni	APHA 23rd EDITION, 3111 B
150	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Silver as Ag	APHA 23rd Edition, 3500
151	CHEMICAL- RESIDUES IN WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Zinc as Zn	APHA 23rd Edition, 3111- B
152	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Acidity as CaCo3	APHA 23rd Edition , 2310 B
153	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Alkalinity	APHA 23rd Edition, 2320B
154	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Ammonia (Total Ammonia as N)	APHA 23rd Edition, 4500 NH3 - C
155	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Boron as B	APHA 23rd Edition, 4500-B-B
156	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Calcium as CaCo3	APHA 23rd Edition, 3500-Ca B

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8462 **Page No** 9 of 10

Validity 14/07/2022 to 13/07/2024 **Last Amended on** 29/10/2022

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
157	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Chloride	APHA 23rd Edition, 4500- Cl- B
158	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Chromium Hexavalent	APHA 23rd Edition, 3500 - Cr- B
159	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Colour	IS 3025 Part 4
160	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Cyanide as CN	APHA 23rd Edition, 4500- CN- D
161	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Electrical Conductivity	APHA 23rd Edition,2510 B
162	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Fluoride as F	APHA 23rd Edition, 4500- F- D
163	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Magnesium as CaCo3	APHA 23rd EDITION, 3500- Mg B
164	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Nitrate	APHA 23rd EDITION, 4500- B
165	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Nitrite	APHA 23rd EDITION, 4500- B
166	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Odour	IS 3025 Part 5
167	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	pH	APHA 23rd Edition, 4500 H+ B
168	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Phenolic Compounds as C6H5OH	APHA 23rd Edition , 5530- C & D
169	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Phosphate	APHA 23rd Edition, 4500 P-D
170	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Potassium	APHA 23rd Edition, 3500 K – B
171	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Residual Free Chlorine	APHA 23rd Edition, 4500-Cl- B
172	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Silica	APHA 23rd Edition, 4500- Sio2- C
173	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Sodium	APHA 23rd Edition, 3500 Na- B
174	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Sulphate	APHA 23rd Edition, 4500- So4
175	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Sulphide	APHA 23rd Edition, 4500 S2

SCOPE OF ACCREDITATION

Laboratory Name :	SCIENTIFIC & INDUSTRIAL RESEARCH CENTRE, NO: 91/43, 1ST FLOOR, 8TH CROSS, GORAGUNTEPALYA, YESHWANTPUR INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8462	**Page No**	10 of 10
Validity	14/07/2022 to 13/07/2024	**Last Amended on**	29/10/2022

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
176	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Taste	IS 3025 , Part 8
177	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Total Dissolved Solids	APHA 23rd Edition, 2540- C
178	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Total Hardness as CaCo3	APHA 23rd Edition, 2340-C
179	CHEMICAL- WATER	Drinking water/ Surface water/ Ground Water/ Packaged Drinking Water/ Swimming Pool Water/ Purifier Water	Turbidity	APHA 23rd Edidition, 2130 - B

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.