National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA TESTING & RESEARCH LABORATORY, C-43, SECTOR-88, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 1 of 12

Validity 16/11/2022 to 15/11/2024 **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- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (as NH3)	IS 5182 part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide (as CO)	IS 5182 (Part 10)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (as Pb)	IS 5182 (Part 22)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Oxide (as NO2)	IS 5182 (Part 6)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (as O3)	IS 5182 (Part 9)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size less than 10 µm) or PM10	IS 5182 (Part 23)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size less than 2.5 µm) or PM2.5	IS-5182 Part 24
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (as SO2)	IS 5182 (Part 2)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Levels Leq dB(A)	IS 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise	Noise Levels Source (DG Set)	IS 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (as CO)	IS 13270
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Dioxide (as NO2)	IS 11255 (Part 7)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (as SO2)	IS 11255 (Part 2)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Carbon Monoxide (as CO)	NIOSH 6604
16	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Nitrogen Oxide (as NO2)	ISHRAE Standard 10001
17	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Particulate Matter (Size less than 10 µm) or PM10	ISHRAE Standard 10001
18	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Particulate Matter (Size less than 2.5 µm) or PM2.5	ISHRAE Standard 10001

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA TESTING & RESEARCH LABORATORY, C-43, SECTOR-88, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 2 of 12

Validity 16/11/2022 to 15/11/2024 **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
19	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Sulphur Dioxide (as SO2)	ISHRAE Standard 10001
20	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Suspended Particulate Matter (SPM)	UTRL/LAB/AIR/SOP/05
21	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment/Indoor Noise	Noise Level Leq dB(A)	IS 7194
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	UTRL/LAB/SOIL/SOP/10
23	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium (as Ca)	UTRL/LAB/SOIL/SOP/08
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chloride	UTRL/LAB/SOIL/SOP/12
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Magnesium (as Mg)	UTRL/LAB/SOIL/STP/08
26	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture Content	IS 2720 (Part 2)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part-22)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Phosphorous	UTRL/LAB/SOIL/SOP/09
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Porosity	UTRL/LAB/SOIL/SOP/17
32	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Potassium (as K)	UTRL/LAB/SOIL/SOP/06
33	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium (as Na)	UTRL/LAB/SOIL/SOP/04
34	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium Absorption Ratio (SAR)	UTRL/LAB/SOIL/SOP/14
35	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soil Texture (Clay %)	UTRL/LAB/SOIL/SOP/05
36	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soil Texture (Sand %)	UTRL/LAB/SOIL/SOP/05
37	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soil Texture (Silt %)	UTRL/LAB/SOIL/SOP/05

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 3 of 12

Validity 16/11/2022 to 15/11/2024 **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
38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Specific Electrical Conductivity	IS 14767
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Kjeldhal Nitrogen (TKN)	UTRL/LAB/SOIL/SOP/15
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Soluble Sulphate	IS 2720 (Part 27)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	UTRL/LAB/SOIL/SOP/11
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Bio-Chemical Oxygen Demand (B.O.D) (at 27 °C for 3 days)	IS 3025 (Part 44)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Oil & Grease	IS 3025 (Part 39)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	pH	IS 3025 (Part 11)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Suspended Soilds	IS 3025 (Part 17)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Arsenic (as As)	IS 3025 (Part 37)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Cadmium (as Cd)	IS 3025 (Part 41)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Copper (as Cu)	IS 3025 (Part 42)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Dissolved Oxygen (as O2)	IS 3025 (Part 38)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Lead (as Pb)	IS 3025 (Part 47)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Manganese (as Mn)	IS 3025 (Part 59)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Nickel (as Ni)	IS 3025 (Part-54)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Phosphate (as P/PO4)	IS 3025 (Part 31)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Zinc (as Zn)	IS 3025 (Part 49)

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA TESTING & RESEARCH LABORATORY, C-43, SECTOR-88, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 4 of 12

Validity 16/11/2022 to 15/11/2024 **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
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonia (as total ammonia-N)	IS 3025 (Part 34)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (as O2)	IS 3025 (Part 58)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chromium (as Cr)	IS 3025 (Part 52)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chromium (as Cr+6)	IS 3025 (Part 52)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenolic Compound (as C6H5OH)	APHA 5530 (C)/(D) 23rd Ed.
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldhal Nitrogen (TKN)	IS 3025 (Part 34)
63	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic (as As)	IS 3025 (Part 37)
64	CHEMICAL- RESIDUES IN WATER	Drinking Water	Boron (as B)	APHA 4500-B 23rd Ed.
65	CHEMICAL- RESIDUES IN WATER	Drinking Water	Boron (as B)	IS 3025 (Part 57)
66	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium (as Cd)	IS 3025 (Part 41)
67	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chromium (as Cr)	IS 3025 (Part 52)
68	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper (as Cu)	IS 3025 (Part 42)
69	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 53)
70	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead (as Pb)	IS 3025 (Part 47)
71	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese (as Mn)	IS 3025 (Part 59)
72	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel (as Ni)	IS 3025 (Part-54)
73	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium (as Se)	IS 3025 Part 56
74	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (as Zn)	IS 3025 (Part 49)
75	CHEMICAL- RESIDUES IN WATER	Ground Water	Arsenic (as As)	IS 3025 (Part 37)

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA TESTING & RESEARCH LABORATORY, C-43, SECTOR-88, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 5 of 12

Validity 16/11/2022 to 15/11/2024 **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
76	CHEMICAL- RESIDUES IN WATER	Ground Water	Boron (as B)	APHA 4500-B 23rd Ed.
77	CHEMICAL- RESIDUES IN WATER	Ground Water	Boron (as B)	IS 3025 (Part 57)
78	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium (as Cd)	IS 3025 (Part 41)
79	CHEMICAL- RESIDUES IN WATER	Ground Water	Chromium (as Cr)	IS 3025 (Part 52)
80	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper (as Cu)	IS 3025 (Part 42)
81	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron (as Fe)	IS 3025 (Part 53)
82	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead (as Pb)	IS 3025 (Part 47)
83	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese (as Mn)	IS 3025 (Part 59)
84	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel (as Ni)	IS 3025 (Part-54)
85	CHEMICAL- RESIDUES IN WATER	Ground Water	Selenium (as Se)	IS 3025 Part 56
86	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc (as Zn)	IS 3025 (Part 49)
87	CHEMICAL- RESIDUES IN WATER	Surface Water	Arsenic (as As)	IS 3025 (Part 37)
88	CHEMICAL- RESIDUES IN WATER	Surface Water	Boron (as B)	APHA 4500-B 23rd Ed.
89	CHEMICAL- RESIDUES IN WATER	Surface Water	Boron (as B)	IS 3025 (Part 57)
90	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium (as Cd)	IS 3025 (Part 41)
91	CHEMICAL- RESIDUES IN WATER	Surface Water	Chromium (as Cr)	IS 3025 (Part 52)
92	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper (as Cu)	IS 3025 (Part 42)
93	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron (as Fe)	IS 3025 (Part 53)
94	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead (as Pb)	IS 3025 (Part 47)

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA TESTING & RESEARCH LABORATORY, C-43, SECTOR-88, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 6 of 12

Validity 16/11/2022 to 15/11/2024 **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
95	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese (as Mn)	IS 3025 (Part 59)
96	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel (as Ni)	IS 3025 (Part-54)
97	CHEMICAL- RESIDUES IN WATER	Surface Water	Selenium (as Se)	IS 3025 Part 56
98	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc (as Zn)	IS 3025 (Part 49)
99	CHEMICAL- RESIDUES IN WATER	Swimming Pool Water	Iron (as Fe)	IS 3025 (Part 53)
100	CHEMICAL- RESIDUES IN WATER	Swimming Pool Water	Lead (as Pb)	IS 3025 (Part 47)
101	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Arsenic (as As)	IS 3025 (Part 37)
102	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Boron (as B)	APHA 4500-B 23rd Ed.
103	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Boron (as B)	IS 3025 (Part 57)
104	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Cadmium (as Cd)	IS 3025 (Part 41)
105	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Chromium (as Cr)	IS 3025 (Part 52)
106	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Copper (as Cu)	IS 3025 (Part 42)
107	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Iron (as Fe)	IS 3025 (Part 53)
108	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Lead (as Pb)	IS 3025 (Part 47)
109	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Manganese (as Mn)	IS 3025 (Part 59)
110	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Nickel (as Ni)	IS 3025 (Part-54)
111	CHEMICAL- RESIDUES IN WATER	Water from purifiers	Zinc (as Zn)	IS 3025 (Part 49)
112	CHEMICAL- WATER	Drinking Water	Ammonia (as total ammonia-N)	IS 3025 (Part 34)
113	CHEMICAL- WATER	Drinking Water	Alkalinity (as CaCO3)	IS 3025 (Part 23)
114	CHEMICAL- WATER	Drinking Water	Anionic Detergent (as MBAS)	IS 13428

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 7 of 12

Validity 16/11/2022 to 15/11/2024 **Last Amended on** -

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115	CHEMICAL- WATER	Drinking Water	Anionic Detergents (as MBAS)	APHA 5540 (B)/(C) 23rd Ed.
116	CHEMICAL- WATER	Drinking Water	Appearance	APHA 2110 23rd Ed.
117	CHEMICAL- WATER	Drinking Water	Bio-Chemical Oxygen Demand (B.O.D) (at 27 °C for 3 days)	IS 3025 (Part 44)
118	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
119	CHEMICAL- WATER	Drinking Water	Carbonate (as CaCO3)	IS 3025 (Part-51)
120	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand (as O2)	IS 3025 (Part 58)
121	CHEMICAL- WATER	Drinking Water	Chloramines (as Cl2)	IS 3025 Part 26
122	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 (Part 32)
123	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
124	CHEMICAL- WATER	Drinking Water	Conductivity at 25 °C	IS 3025 (Part 14)
125	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	APHA 4500 FD: 23rd Ed.
126	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
127	CHEMICAL- WATER	Drinking Water	Magnesium (as mg)	IS 3025 (Part 46)
128	CHEMICAL- WATER	Drinking Water	Nitrate (as NO3)	IS 3025 (Part 34)
129	CHEMICAL- WATER	Drinking Water	Nitrite (as NO2)	IS 3025 (Part 34)
130	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
131	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
132	CHEMICAL- WATER	Drinking Water	Phenolic Compound (as C6H5OH)	APHA 5530 (C)/(D) 23rd Ed.
133	CHEMICAL- WATER	Drinking Water	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43)
134	CHEMICAL- WATER	Drinking Water	Phosphate (as P/PO4)	IS 3025 (Part 31)
135	CHEMICAL- WATER	Drinking Water	Potassium (as K)	IS 3025 (Part 45)
136	CHEMICAL- WATER	Drinking Water	Silica (as SiO2)	IS 3025 (Part 35)
137	CHEMICAL- WATER	Drinking Water	Sodium (as Na)	IS 3025 (Part 45)
138	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS 3025 (Part 24)
139	CHEMICAL- WATER	Drinking Water	Sulphide (as H2S)	IS 3025 Part 29
140	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 : (Part 7)
141	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
142	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 8 of 12

Validity 16/11/2022 to 15/11/2024 **Last Amended on** -

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143	CHEMICAL- WATER	Drinking Water	Total Solid	IS 3025 (Part 15)
144	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (Part 17)
145	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
146	CHEMICAL- WATER	Ground Water	Acidity (as CaCO3)	IS 3025 (Part 22)
147	CHEMICAL- WATER	Ground Water	Alkalinity (as CaCO3)	IS 3025 (Part 23)
148	CHEMICAL- WATER	Ground Water	Ammonia (as total ammonia-N)	IS 3025 (Part 34)
149	CHEMICAL- WATER	Ground Water	Anionic Detergent (as MBAS)	APHA 5540 (B)/(C) 23rd Ed.
150	CHEMICAL- WATER	Ground Water	Anionic Detergents (as MBAS)	Annex K of IS 13428
151	CHEMICAL- WATER	Ground Water	Appearance	APHA 2110 23rd Ed.
152	CHEMICAL- WATER	Ground Water	Bicarbonate (as HCO3)	IS 3025 (Part 51)
153	CHEMICAL- WATER	Ground Water	Bio-Chemical Oxygen Demand (B.O.D) (at 27 °C for 3 days)	IS 3025 (Part 44)
154	CHEMICAL- WATER	Ground Water	Calcium (as Ca)	IS 3025 (Part 40)
155	CHEMICAL- WATER	Ground Water	Carbonate (as CaCO3)	IS 3025 (Part-51)
156	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (as O2)	IS 3025 (Part 58)
157	CHEMICAL- WATER	Ground Water	Chloramines (as Cl2)	IS 3025 Part 26
158	CHEMICAL- WATER	Ground Water	Chloride (as Cl)	IS 3025 (Part 32)
159	CHEMICAL- WATER	Ground Water	Colour	IS 3025 (Part 4)
160	CHEMICAL- WATER	Ground Water	Conductivity at 25 °C	IS 3025 (Part 14)
161	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (as O2)	is 3025 (Part 38)
162	CHEMICAL- WATER	Ground Water	Fluoride (as F)	APHA 4500 FD: 23rd Ed.
163	CHEMICAL- WATER	Ground Water	Free Residual Chlorine	IS 3025 (Part 26)
164	CHEMICAL- WATER	Ground water	Magnesium (as Mg)	IS 3025 (Part 46)
165	CHEMICAL- WATER	Ground Water	Nitrate (as NO3)	IS 3025 (Part 34)
166	CHEMICAL- WATER	Ground Water	Nitrite (as NO2)	IS 3025 (Part 34)
167	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
168	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
169	CHEMICAL- WATER	Ground Water	Phenolic Compound (as C6H5OH)	APHA 5530 (C)/(D) 23rd Ed.
170	CHEMICAL- WATER	Ground Water	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 9 of 12

Validity 16/11/2022 to 15/11/2024 **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
171	CHEMICAL- WATER	Ground Water	Phosphate (as P/PO4)	IS 3025 (Part 31)
172	CHEMICAL- WATER	Ground Water	Potassium (as K)	IS 3025 (Part 45)
173	CHEMICAL- WATER	Ground Water	Silica (as SiO2)	IS 3025 (Part 35)
174	CHEMICAL- WATER	Ground Water	Sodium (as Na)	IS 3025 (Part 45)
175	CHEMICAL- WATER	Ground Water	Sulphate (as SO4)	IS 3025 (Part 24)
176	CHEMICAL- WATER	Ground Water	Sulphide (as H2S)	IS 3025 Part 29
177	CHEMICAL- WATER	Ground water	Taste	IS 3025 (Part 7)
178	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (Part 9)
179	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
180	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
181	CHEMICAL- WATER	Ground Water	Total Kjeldhal Nitrogen (TKN)	IS 3025 (Part 34)
182	CHEMICAL- WATER	Ground Water	Total Solid	IS 3025 (Part 15)
183	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (Part 17)
184	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
185	CHEMICAL- WATER	Surface Water	Acidity (as CaCO3)	IS 3025 (Part 22)
186	CHEMICAL- WATER	Surface Water	Alkalinity (as CaCO3)	IS 3025 (Part 23)
187	CHEMICAL- WATER	Surface Water	Ammonia (as total ammonia-N)	IS 3025 (Part 34)
188	CHEMICAL- WATER	Surface Water	Anionic Detergent (as MBAS)	APHA 5540 (B)/(C) 23rd Ed.
189	CHEMICAL- WATER	Surface Water	Anionic Detergents (as MBAS)	Annex K of IS 13428
190	CHEMICAL- WATER	Surface Water	Appearance	APHA 2110 23rd Ed.
191	CHEMICAL- WATER	Surface Water	Bicarbonate (as HCO3)	IS 3025 (Part 51)
192	CHEMICAL- WATER	Surface Water	Bio-Chemical Oxygen Demand (B.O.D) (at 27 °C for 3 days)	IS 3025 (Part 44)
193	CHEMICAL- WATER	Surface Water	Calcium (as Ca)	IS 3025 (Part 40)
194	CHEMICAL- WATER	Surface Water	Carbonate (as CaCO3)	IS 3025 (Part-51)
195	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (as O2)	IS 3025 (Part 58)
196	CHEMICAL- WATER	Surface Water	Chloramines (as Cl2)	IS 3025 Part 26
197	CHEMICAL- WATER	Surface Water	Chloride (as Cl)	IS 3025 (Part 32)
198	CHEMICAL- WATER	Surface Water	Colour	IS 3025 (Part 4)
199	CHEMICAL- WATER	Surface Water	Conductivity at 25 °C	IS 3025 (Part 14)

SCOPE OF ACCREDITATION

Laboratory Name :	ULTRA TESTING & RESEARCH LABORATORY, C-43, SECTOR-88, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8198	**Page No**	10 of 12
Validity	16/11/2022 to 15/11/2024	**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
200	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (as O2)	IS 3025 (Part 38)
201	CHEMICAL- WATER	Surface Water	Fluoride (as F)	APHA 4500 FD: 23rd Ed.
202	CHEMICAL- WATER	Surface Water	Free Residual Chlorine	IS 3025 (Part 26)
203	CHEMICAL- WATER	Surface Water	Magnesium (as Mg)	IS 3025 (Part 46)
204	CHEMICAL- WATER	Surface Water	Nitrate (as NO3)	IS 3025 (Part 34)
205	CHEMICAL- WATER	Surface Water	Nitrite (as NO2)	IS 3025 (Part 34)
206	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
207	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
208	CHEMICAL- WATER	Surface Water	Phenolic Compound (as C6H5OH)	APHA 5530 (C)/(D) 23rd Ed.
209	CHEMICAL- WATER	Surface Water	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43)
210	CHEMICAL- WATER	Surface Water	Phosphate (as P/PO4)	IS 3025 (Part 31)
211	CHEMICAL- WATER	Surface Water	Potassium (as K)	IS 3025 (Part 45)
212	CHEMICAL- WATER	Surface Water	Silica (as SiO2)	IS 3025 (Part 35)
213	CHEMICAL- WATER	Surface Water	Sodium (as Na)	IS 3025 (Part 45)
214	CHEMICAL- WATER	Surface Water	Sulphate (as SO4)	IS 3025 (Part 24)
215	CHEMICAL- WATER	Surface Water	Sulphide (H2S)	IS 3025 Part 29
216	CHEMICAL- WATER	Surface Water	Taste	Is 3025 (Part 7)
217	CHEMICAL- WATER	Surface water	Temperature	IS 3025 (Part 9)
218	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
219	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
220	CHEMICAL- WATER	Surface Water	Total Kjeldhal Nitrogen (TKN)	IS 3025 (Part 34)
221	CHEMICAL- WATER	Surface Water	Total Solid	IS 3025 (Part 15)
222	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (Part 17)
223	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
224	CHEMICAL- WATER	Water for construction purpose	Chloride (as Cl)	IS 3025 (Part 32)
225	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part 18)
226	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part 18)
227	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part 11)
228	CHEMICAL- WATER	Water for construction purpose	Sulphate (as SO4/SO3)	IS 3025 (Part 24)

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA TESTING & RESEARCH LABORATORY, C-43, SECTOR-88, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8198 **Page No** 11 of 12

Validity 16/11/2022 to 15/11/2024 **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
229	CHEMICAL- WATER	Water for construction purpose	To Neutralize 100 ml Sample of Water With 0.02 N H2SO4	IS 3025 (Part 23)
230	CHEMICAL- WATER	Water for construction purpose	To Neutralize 100 ml Sample of Water With 0.02 N NaOH	IS 3025 (Part 22)
231	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
232	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (Part 17)
233	CHEMICAL- WATER	Water for Swimming Pool	Alkalinity (as CaCO3)	IS 3025 (Part 23)
234	CHEMICAL- WATER	Water for Swimming Pool	Chloride (as Cl)	IS 3025 (Part 32)
235	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 (Part 4)
236	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part 5)
237	CHEMICAL- WATER	Water for Swimming Pool	Oxygen Absorbed in 4 hours at 27 °C	IS 3025 (Part 51)
238	CHEMICAL- WATER	Water for Swimming Pool	pH	IS 3025 (Part 11)
239	CHEMICAL- WATER	Water for Swimming Pool	Taste	IS 3025 (Part 7)
240	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
241	CHEMICAL- WATER	Water for Swimming Pool	Total Residual Chlorine	IS 3025 (Part 26)
242	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)
243	CHEMICAL- WATER	Water from purifiers	Anionic Detergent (as MBAS)	APHA 5540 (B)/(C) 23rd Ed.
244	CHEMICAL- WATER	Water from purifiers	Phenolic Compound (as C6H5OH)	APHA 5530 (C)/(D) 23rd Ed.
245	CHEMICAL- WATER	Water from Water Purifiers	Alkalinity (as CaCO3)	IS 3025 (Part 23)
246	CHEMICAL- WATER	Water from Water Purifiers	Ammonia (as total ammonia-N)	IS 3025 (Part 34)
247	CHEMICAL- WATER	Water from Water Purifiers	Appearance	APHA 2110 23rd Ed.
248	CHEMICAL- WATER	Water from Water Purifiers	Bio-Chemical Oxygen Demand (B.O.D) (at 27 °C for 3 days)	IS 3025 (Part 44)
249	CHEMICAL- WATER	Water from Water Purifiers	Calcium (as Ca)	IS 3025 (Part 40)
250	CHEMICAL- WATER	Water from Water Purifiers	Carbonate (as CaCO3)	IS 3025 (Part-51)
251	CHEMICAL- WATER	Water from Water Purifiers	Chemical Oxygen Demand (as O2)	IS 3025 (Part 58)
252	CHEMICAL- WATER	Water from Water Purifiers	Chloride (as Cl)	IS 3025 (Part 32)
253	CHEMICAL- WATER	Water from Water Purifiers	Colour	IS 3025 (Part 4)
254	CHEMICAL- WATER	Water from Water Purifiers	Conductivity at 25 °C	IS 3025 (Part 14)
255	CHEMICAL- WATER	Water from Water Purifiers	Fluoride (as F)	APHA 4500 FD:23rd Ed.

SCOPE OF ACCREDITATION

Laboratory Name :	ULTRA TESTING & RESEARCH LABORATORY, C-43, SECTOR-88, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8198	**Page No**	12 of 12
Validity	16/11/2022 to 15/11/2024	**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
256	CHEMICAL- WATER	Water from Water Purifiers	Free Residual Chlorine	IS 3025 (Part 26)
257	CHEMICAL- WATER	Water from Water Purifiers	Magnesium (as Mg)	IS 3025 (Part 46)
258	CHEMICAL- WATER	Water from Water Purifiers	Nitrate (as NO3)	IS 3025 (Part 34)
259	CHEMICAL- WATER	Water from Water Purifiers	Nitrite (as NO2)	IS 3025 (Part 34)
260	CHEMICAL- WATER	Water from Water Purifiers	Odour	IS 3025 (Part 5)
261	CHEMICAL- WATER	Water from Water Purifiers	pH	IS 3025 (Part 11)
262	CHEMICAL- WATER	Water from Water Purifiers	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43)
263	CHEMICAL- WATER	Water from Water Purifiers	Phosphate (as P/ PO4)	IS 3025 (Part 31)
264	CHEMICAL- WATER	Water from Water Purifiers	Potassium (as K)	IS 3025 (Part 45)
265	CHEMICAL- WATER	Water from Water Purifiers	Silica (as SiO2)	IS 3025 (Part 35)
266	CHEMICAL- WATER	Water from Water Purifiers	Sodium (as Na)	IS 3025 (Part 45)
267	CHEMICAL- WATER	Water from Water Purifiers	Sulphate (as SO4)	IS 3025 (Part 24)
268	CHEMICAL- WATER	Water from Water Purifiers	Taste	IS 3025 (Part 7)
269	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
270	CHEMICAL- WATER	Water from Water Purifiers	Total Hardness (as CaCO3)	IS 3025 (Part 21)
271	CHEMICAL- WATER	Water from Water Purifiers	Total Solid	IS 3025 (Part 15)
272	CHEMICAL- WATER	Water from Water Purifiers	Total Suspended Solids	IS 3025 (Part 17)
273	CHEMICAL- WATER	Water from Water Purifiers	Turbidity	IS 3025 (Part 10)