National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ULTIMATE ENVIROLYTICAL SOLUTIONS, HDD 272, PHASE-III, KABIR NAGAR, RAIPUR, CHHATTISGARH, INDIA

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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	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent/Waste water	Faecal coliform	APHA 23rd edition: (9221-B,C,E)
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent/Waste water	Total Coliform	APHA 23rd edition: (9221-B,C)
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluents and waste water	E. coli	APHA 23rd edition: (9221-B,C,G)
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Sewage	E. coli	APHA 23rd edition: (9221-B,C,G)
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Sewage	Faecal coliform	APHA 23rd edition: (9221-B,C,E)
6	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Sewage	Total Coliform	APHA 23rd edition: (9221-B,C)
7	BIOLOGICAL- WATER	Drinking Water	E.Coli	IS 1622
8	BIOLOGICAL- WATER	Drinking Water	Faecal coliform	IS:1622
9	BIOLOGICAL- WATER	Drinking Water	Total Coliform	IS: 1622
10	BIOLOGICAL- WATER	Ground water/ Surface water	E. coli	IS 1622
11	BIOLOGICAL- WATER	Ground water/ Surface water	Faecal coliform	IS:1622
12	BIOLOGICAL- WATER	Ground water/ Surface water	Total Coliform	IS: 1622
13	BIOLOGICAL- WATER	Packaged Drinking Water	E. coli	IS 1622
14	BIOLOGICAL- WATER	Packaged Drinking Water	Faecal coliform	IS:1622
15	BIOLOGICAL- WATER	Packaged Drinking Water	Total Coliform	IS: 1622
16	BIOLOGICAL- WATER	Treated Water	E. coli	IS 1622
17	BIOLOGICAL- WATER	Treated Water	Faecal coliform	IS:1622
18	BIOLOGICAL- WATER	Treated Water	Total Coliform	IS: 1622
19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Arsenic	UES/SAP/AAQM/Arsenic/05, Issue No: 1, Issue date:10.01.2019 as per IS: 11124

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20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air quality monitoring	Lead	UES/SAP/AAQM/Lead/06, Issue No.-1, Issue Date:10.01.2019, as per IS: 5182(Part 22)
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air quality monitoring	Nickel	UES/SAP/AAQM/Nickel/07 Issue No.-1, Issue Date:10.01.2019, as per IS 5182 Part 26
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Oxides of Nitrogen	UES/SAP/AAQM/NOx/04, Issue No.-1, Issue Date:10.01.2019, as per IS: 5182 (Part 6)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Particulate Matter 2.5	UES/SAP/A/02/PM2.5, Issue No.-1, Issue Date:10.01.2019 as per IS 5182: Part 24
24	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	PM 10	UES/SAP/AAQM/PM10/01, Issue No: 1, Issue date:10.01.2019 as per IS: 5182 (Part 23)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Sulphur dioxide	UES/SAP/AAQM/SO2/03, Issue No: 1, Issue date:10.01.2019 as per IS: 5182 (Part 2)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission monitoring	Oxides of Nitrogen	UES/SAP/ST/NOx/03, Issue No: 1, Issue date:10.01.2019 as per IS: 11255 (PART 7)
27	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission monitoring	Particulate Matter	UES/SAP/ST/TPM/01, Issue No.-1, Issue Date:10.01.2019, as per IS :11255 (PART 1)
28	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission monitoring	Sulphur dioxide	UES/SAP/ST/SO2/02, Issue No: 1, Issue date:10.01.2019 as per IS :11255 (PART 2):
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food cereals-Wheat (Atta)	Gluten	UE/SAP/W/6/Gluten(Wheat atta), Issue No.-1, Issue Date: 10.01.2019 as per IS: 1155
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food cereals-Wheat (Atta)	Total Ash	UES/SAP/W/5/Total Ash(Wheat atta), Issue No: 1, Issue date:10.01.2019 as per IS: 1155: 1968
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food cereals-Wheat (Atta)	Total Moisture	UES/SAP/4/Total Moisture(Wheat atta), Issue No: 1, Issue date:10.01.2019 as per, IS: 1155: 1968
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	food grains- Rice flour	Total Ash	UES/SAP/W/8/ Total Ash(Rice atta), Issue No.-1, Issue Date:10.01.2019, as per IS: 3163:1965

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33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains-Rice flour	Total Moisture	IS: 3163
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, spices & condiments	Alcohol Soluble Extract	IS:1797
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, spices & condiments	Ash Insoluble in HCl	IS: 1797
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, spices & condiments	Total Ash	IS:1797
37	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cadmium as Cd	UES/SAP/SOIL/06/Cd, Issue No: 1, Issue date: 18-08-2020
38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chromium as Cr	UES/SAP/SOIL/013/Cr, Issue No: 1, Issue date: 18-08-2020
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper as Cu	UES/SAP/SOIL/07/Cu, Issue No: 1, Issue date: 18-08-2020
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Iron as Fe	UES/SAP/SOIL/08/Fe, Issue No: 1, Issue date: 18-08-2020
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Lead as pb	UES/SAP/SOIL/09/Pb, Issue No: 1, Issue date: 18-08-2020
42	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Manganese	UES/SAP/SOIL/10/Mn, Issue No: 1, Issue date: 18-08-2020
43	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nickel as Ni	UES/SAP/SOIL/012/Ni, Issue No: 1, Issue date: 18-08-2020
44	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH value	UES/SAP/W/1/pH, Issue No.-1, Issue Date:24.09.2016, as per IS 2720 part 26
45	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Phosphorus	UES/SAP/SOIL/05/PO4, Issue No: 1, Issue date: 18-08-2020
46	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Potassium	UES/SAP/SOIL/04/K, Issue No: 1, Issue date: 18-08-2020
47	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium	UES/SAP/SOIL/03/Na, Issue No: 1, Issue date: 18-08-2020
48	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Specific Electrical Conductivity	UES/SAP/W/2/E.C., Issue No.-1, Issue Date: 24.09.2016 as per IS: 14767
49	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc as Zn	UES/SAP/SOIL/011/Zn, Issue No: 1, Issue date: 18-08-2020

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50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Aluminium	UES/SAP/WW/1/Aluminium, Issue No.-1, Issue Date: 24.09.2016, as per IS: 3025 (Part 55): 2003
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Calcium	UES/SAP/WW/2/Calcium, Issue No.-1, Issue Date: 24.09.2016, as per (IS 3025 part 40): 1991
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Chlorides	UES/SAP/WW/3/Chloride, Issue No.-1, Issue Date: 24.09.2016, as per IS: 3025 (PART 32): 1988
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Chromium as Cr	UES/SAP/WW/4/Chromium, Issue No: 1, Issue date:24.09.2016 as per IS: 3025 (Part 52): 2003
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Copper	UES/SAP/WW/5/Copper, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025 (PART 42):1992
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Iron	UES/SAP/WW/6/Iron, Issue No: 1, Issue date: 24.09.2016 as per IS 3025 (PART 53): 2003
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Magnessium	UES/SAP/WW/7/Magnesium, Issue No: 1, Issue date:04.02.2019 as per APHA 23rd edition 3500-Mg-E:Calculation Method
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Mercury	UES/SAP/WW/8/Mercury, Issue No: 1, Issue date:04.02.2019 as per IS: 3025 (Part 48):1994
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Nickel	UES/SAP/WW/9/Nickel, Issue No: 1, Issue date:04.02.2019 as per IS: 3025 (Part 54):2003
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Nitrate	UES/SAP/WW/10/Nitrate, Issue No: 1, Issue date: 18-08-2020 as per APHA 23rd edition 4500-NO3-B
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Oil & Grease	UES/SAP/WW/23/O&G, Issue No.-1, Issue Date:24.09.2016, as per IS:3025 (Part-39):2021
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	pH value	UES/SAP/WW/11/pH, Issue No: 1, Issue date:19.09.2016 as per IS: 3025 (PART-11):1983

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62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Phosphate	UES/SAP/WW/12/Phosphate, Issue No: 1, Issue date: 18-08-2020 as per IS: 3025 (Part-13): 1988
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Reactive Sillica	UES/SAP/WW/24/Reactive Silica, Issue No: 1, Issue date: 18-08-2020 as per IS:3025 (Part-35):1988
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Total Dissolved Solids	UES/SAP/WW/13/TDS, Issue No.-1, Issue Date:24.09.2016, as per IS: 3025 (PART-16):1984
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Total Suspended Solids	UES/SAP/WW/14/TSS, Issue No.-1, Issue Date: 24.09.2016, as per IS: 3025 (PART-17):1984
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/Sewage)	Zinc	UES/SAP/WW/15/Zinc, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025 (Part-49):1994
67	CHEMICAL- POLLUTION & ENVIRONMENT	Water water (Effluent/Sewage)	Biochemical Oxygen Demand	UES-SAP-WW-22-BOD, Issue No.-1, Issue Date: 24.09.2016 as per IS:3025 (Part-44):1993
68	CHEMICAL- POLLUTION & ENVIRONMENT	Water water (Effluent/Sewage)	COD	UES/SAP/WW/16/COD, Issue No.-1, Issue Date: 24.09.2016, as per IS: 3025 (PART-58):2006
69	CHEMICAL- POLLUTION & ENVIRONMENT	Water water (Effluent/Sewage)	Fluoride	UES/SAP/WW/17/Fluoride, Issue No.-1, Issue Date: 24.09.2016, as per IS: 3025 (PART-60):2008
70	CHEMICAL- POLLUTION & ENVIRONMENT	Water water (Effluent/Sewage)	Sulphate	UES/SAP/WW/18/Sulphate, Issue No.-1, Issue Date: 24.09.2016 as per IS: 3025 (PART- 24):1986
71	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium	IS: 3025 (Part 55-clause no. 6.0)
72	CHEMICAL- RESIDUES IN WATER	Drinking water	Cadmium	IS: 3025 (Part 41-clause no. 5)
73	CHEMICAL- RESIDUES IN WATER	Drinking water	Chromium as Cr	UES/SAP/W/30/Chromium, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025 (Part 52):2003
74	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper	UES/SAP/W/12/Copper, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025 (PART 42-clause no. 6.0):1992

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75	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron	UES/SAP/W/11/Iron, Issue No: 1, Issue date: 24.09.2016 as per IS: 3025 (PART 53-Clause No.7.0): 2003
76	CHEMICAL- RESIDUES IN WATER	Drinking water	Lead	UES/SAP/W/26/Lead, Issue No.-1, Issue Date: 04-02-2019 as per IS 3025 (part 47-clause no. 7): 1994
77	CHEMICAL- RESIDUES IN WATER	Drinking water	Manganese	UES/SAP/W/22/Manganese, Issue No.-1, Issue Date: 04-02-2019 as per USEPA-SW-846:Method-7000B AAS
78	CHEMICAL- RESIDUES IN WATER	Drinking water	Mercury	UES/SAP/W/28/Mercury, Issue No.-1, Issue Date: 04-02-2019 as per IS:3025 (part 48-Annexure L): 1994
79	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel	UES/SAP/W/27/Nickel, Issue No.-1, Issue Date: 04-02-2019 as per IS: 3025 (part 54- AAS cl 7): 2003
80	CHEMICAL- RESIDUES IN WATER	Drinking water	Total Arsenic	UES/SAP/W/29/Total Arsenic, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025(Part 37-clause no. 2.0): 1988
81	CHEMICAL- RESIDUES IN WATER	Drinking water	Zinc	UES/SAP/W/24/Zinc, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025(part 49-Clause no. 5.0):1994
82	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium	UES/SAP/W/19/Aluminium, Issue No: 1, Issue date:04.02.2019 as per IS: 3025 (part 55- Clause No. 6.0):2003
83	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium	UES/SAP/W/25/Cadmium, Issue No.: 1, Issue date: 04.02.2019 as per IS:3025 (part 41-clause no. 5): 1992
84	CHEMICAL- RESIDUES IN WATER	Ground Water	Chromium as Cr	UES/SAP/W/30/Chromium, Issue No: 1, Issue date:04.02.2019 as per IS: 3025 (part 52):2003

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85	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper	UES/SAP/W/12/Copper, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025 (PART 42-clause no. 6.0) :1992
86	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron	UES/SAP/W/11/Iron, Issue No: 1, Issue date: 24.09.2016 as per IS: 3025 (PART 53-Clause No.7.0): 2003
87	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead	UES/SAP/W/26/Lead, Issue No.-1, Issue Date: 04-02-2019 as per IS 3025 (part 47-clause no. 7): 1994
88	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese	UES/SAP/W/22/Manganese, Issue No.-1, Issue Date: 04-02-2019 as per USEPA-SW-846:Method-7000B AAS
89	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury	UES/SAP/W/28/Mercury, Issue No.-1, Issue Date: 04-02-2019 as per IS:3025 (part 48-Annexure L): 1994
90	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel	UES/SAP/W/27/Nickel, Issue No.-1, Issue Date: 04-02-2019 as per IS: 3025 (part 54- AAS cl 7): 2003
91	CHEMICAL- RESIDUES IN WATER	Ground Water	Total Arsenic	UES/SAP/W/29/Total Arsenic, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025(Part 37-clause no. 2.0): 1988
92	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc	UES/SAP/W/24/Zinc, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025(part 49-Clause no. 5.0):1994
93	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Aluminium	UES/SAP/W/19/Aluminium, Issue No: 1, Issue date:04.02.2019 as per IS: 3025 (Part 55-clause no. 6.0):2003
94	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Cadmium	UES/SAP/W/25/Cadmium, Issue No.: 1, Issue date: 04.02.2019 as per IS:3025 (part 41-clause no. 5): 1992

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95	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Chromium as Cr	UES/SAP/W/30/Chromium, Issue No: 1, Issue date:04.02.2019 as per IS: 3025 (part 52):2003
96	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Copper	UES/SAP/W/12/Copper, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025 (PART 42-clause no. 6.0) :1992
97	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Iron	UES/SAP/W/11/Iron, Issue No: 1, Issue date: 24.09.2016 as per IS: 3025 (PART 53-Clause No.7.0): 2003
98	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Lead	UES/SAP/W/26/Lead, Issue No.-1, Issue Date: 04-02-2019 as per IS 3025 (part 47-clause no. 7): 1994
99	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Manganese	UES/SAP/W/22/Manganese, Issue No.-1, Issue Date: 04-02-2019 as per USEPA-SW-846:Method-7000B AAS
100	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Mercury	UES/SAP/W/28/Mercury, Issue No.-1, Issue Date: 04-02-2019 as per IS:3025 (part 48-Annexure L): 1994
101	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Nickel	UES/SAP/W/27/Nickel, Issue No.-1, Issue Date: 04-02-2019 as per IS: 3025 (part 54- AAS cl 7): 2003
102	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Total Arsenic	UES/SAP/W/29/Total Arsenic, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025(Part 37-clause no. 2.0): 1988
103	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Zinc	UES/SAP/W/24/Zinc, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025(part 49-Clause no. 5.0):1994
104	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium	UES/SAP/W/19/Aluminium, Issue No: 1, Issue date:04.02.2019 as per IS: 3025 (Part 55-clause no. 6.0):2003

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105	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium	UES/SAP/WW/2/Calcium, Issue No.-1, Issue Date: 24.09.2016, as per (IS 3025 part 40): 1991
106	CHEMICAL- RESIDUES IN WATER	Surface Water	Chromium as Cr	UES/SAP/W/30/Chromium, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025 (Part 52):2003
107	CHEMICAL- RESIDUES IN WATER	Surface Water	COPPER	UES/SAP/W/12/Copper, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025 (PART 42-clause no. 6.0) :199
108	CHEMICAL- RESIDUES IN WATER	Surface Water	IRON	UES/SAP/WW/6/Iron, Issue No: 1, Issue date: 24.09.2016 as per IS 3025 (PART 53): 2003
109	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead	UES/SAP/W/26/Lead, Issue No.-1, Issue Date: 04-02-2019 as per IS 3025 (part 47-clause no. 7): 1994
110	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese	UES/SAP/W/22/Manganese, Issue No.-1, Issue Date: 04-02-2019 as per USEPA-SW-846:Method-7000B AAS
111	CHEMICAL- RESIDUES IN WATER	Surface Water	Mercury	UES/SAP/WW/8/Mercury, Issue No: 1, Issue date:04.02.2019 as per IS: 3025 (Part 48):199
112	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel	UES/SAP/W/27/Nickel, Issue No.-1, Issue Date: 04-02-2019 as per IS: 3025 (part 54- AAS cl 7): 2003
113	CHEMICAL- RESIDUES IN WATER	Surface Water	Total Arsenic	UES/SAP/W/29/Total Arsenic, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025(Part 37-clause no. 2.0): 1988
114	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc	UES/SAP/W/24/Zinc, Issue No.: 1, Issue date: 04.02.2019 as per IS: 3025(part 49-Clause no. 5.0):1994
115	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon percentages	IS: 1350 (Part 1)
116	CHEMICAL- SOLID FUELS	Coal	Gross Calorific value	IS: 1350 (Part 2)
117	CHEMICAL- SOLID FUELS	Coal	Moisture	IS: 1350 (Part-1)
118	CHEMICAL- SOLID FUELS	Coal	Total Ash	IS 1350 (Part 1)

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119	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS: 1350 (Part 1)
120	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 PART 40
121	CHEMICAL- WATER	Drinking Water	Chlorides	IS 3025 PART 32
122	CHEMICAL- WATER	Drinking Water	Chromium as Cr	IS 3025 (part 52): AAS method
123	CHEMICAL- WATER	Drinking Water	Colour	IS:3025 (Part-4)
124	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 PART 60
125	CHEMICAL- WATER	Drinking Water	Hexavalent Cromium	APHA 23rd Edition 3500-Cr-B
126	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd edition: 3500-Mg-E
127	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 23rd eddition 4500-NO3-B
128	CHEMICAL- WATER	Drinking Water	pH value	IS 3025 PART 11
129	CHEMICAL- WATER	Drinking Water	Phosphate	IS:3025 (Part-31)
130	CHEMICAL- WATER	Drinking Water	Potassium as K	IS:3025 (Part-45)
131	CHEMICAL- WATER	Drinking Water	Reactive Sillica	IS:3025 (Part-35)
132	CHEMICAL- WATER	Drinking Water	Residual free chlorine	Chloroscope KIT
133	CHEMICAL- WATER	Drinking Water	Residual free chlorine	IS 3025 (Part 26) Clause. 3,
134	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS:3025 (Part-45)
135	CHEMICAL- WATER	Drinking Water	Specific Conductance	IS 3025 (PART 14)
136	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 PART 24
137	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 PART 23
138	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 PART 16
139	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 PART 21
140	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025 (Part-10)
141	CHEMICAL- WATER	Ground water	Calcium	IS 3025 PART 40
142	CHEMICAL- WATER	Ground water	Chlorides	IS 3025 PART 32
143	CHEMICAL- WATER	Ground water	Chromium as Cr	IS 3025 part 52
144	CHEMICAL- WATER	Ground water	Colour	IS:3025 (Part-4)
145	CHEMICAL- WATER	Ground water	FLUORIDE	IS:3025 (Part-60)
146	CHEMICAL- WATER	Ground water	Hexavalent Chromium	APHA 23rd eddition 3500-Cr-B
147	CHEMICAL- WATER	Ground water	Magnesium	APHA 23rd edition: 3500-Mg-E

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148	CHEMICAL- WATER	Ground water	Nitrate	APHA 23rd eddition 4500-NO3-B
149	CHEMICAL- WATER	Ground water	pH value	IS 3025 PART 11
150	CHEMICAL- WATER	Ground water	Phosphate	IS:3025 (Part-31)
151	CHEMICAL- WATER	Ground water	Potassium as K	IS:3025 (Part-45)
152	CHEMICAL- WATER	Ground Water	Reactive Sillica	IS:3025 (Part-35)
153	CHEMICAL- WATER	Ground water	Sodium as Na	IS:3025 (Part-45)
154	CHEMICAL- WATER	Ground water	SPECIFIC CONDUCTANCE	IS 3025 PART 14
155	CHEMICAL- WATER	Ground water	SULPHATE	IS 3025 PART 24
156	CHEMICAL- WATER	Ground water	TOTAL ALKALINITY	IS 3025 PART 23
157	CHEMICAL- WATER	Ground water	TOTAL DISSOLVED SOLIDS	IS 3025 PART 16
158	CHEMICAL- WATER	Ground water	TOTAL HARDNESS	IS 3025 PART 21
159	CHEMICAL- WATER	Ground water	Turbidity	IS:3025 (Part-10)
160	CHEMICAL- WATER	Packaged Drinking Water	Calcium	IS:3025 (Part-40)
161	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS:3025 (Part-32)
162	CHEMICAL- WATER	Packaged Drinking Water	Chromium as Cr	IS:3025 (Part-52)
163	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS:3025 (Part-4)
164	CHEMICAL- WATER	Packaged Drinking Water	FLUORIDE	IS:3025 (Part-60)
165	CHEMICAL- WATER	Packaged Drinking Water	Hexavalent Chromium	APHA 23rd eddition 3500-Cr-B
166	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	APHA 23rd edition: 3500-Mg-E
167	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA 23rd eddition 4500-NO3-B
168	CHEMICAL- WATER	Packaged Drinking Water	pH value	IS:3025 (Part-11)
169	CHEMICAL- WATER	Packaged Drinking Water	Phosphate	IS:3025 (Part-31)
170	CHEMICAL- WATER	Packaged Drinking Water	Potassium as K	IS:3025 (Part-45)
171	CHEMICAL- WATER	Packaged Drinking Water	Reactive Sillica	IS:3025 (Part-35)
172	CHEMICAL- WATER	Packaged Drinking Water	Residual free chlorine	Chloroscope KIT
173	CHEMICAL- WATER	Packaged Drinking Water	Residual free chlorine	IS:3025 (Part-26) Clause-3
174	CHEMICAL- WATER	Packaged Drinking Water	Sodium as Na	IS:3025 (Part-45)
175	CHEMICAL- WATER	Packaged Drinking Water	SPECIFIC CONDUCTANCE	IS:3025 (Part-14)
176	CHEMICAL- WATER	Packaged Drinking Water	SULPHATE	IS:3025 (Part-24)

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177	CHEMICAL- WATER	Packaged Drinking Water	TOTAL ALKALINITY	IS:3025 (Part-23)
178	CHEMICAL- WATER	Packaged Drinking Water	TOTAL DISSOLVED SOLIDS	IS:3025 (Part-16)
179	CHEMICAL- WATER	Packaged Drinking Water	TOTAL HARDNESS	IS:3025 (Part-21)
180	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS:3025 (Part-10)
181	CHEMICAL- WATER	Surface Water	Calcium	IS:3025 (Part-40)
182	CHEMICAL- WATER	Surface Water	Chloride	IS:3025 (Part-32)
183	CHEMICAL- WATER	Surface water	CHLORIDE	IS:3025 (Part-32)
184	CHEMICAL- WATER	Surface water	Chromium as Cr	IS:3025 (Part-52)
185	CHEMICAL- WATER	Surface Water	Colour	IS:3025 (Part-4)
186	CHEMICAL- WATER	Surface water	FLUORIDE	IS:3025 (Part-60)
187	CHEMICAL- WATER	Surface Water	Hexavalent Chromium	APHA 23rd eddition 3500-Cr-B
188	CHEMICAL- WATER	Surface water	Magnesium	APHA 23rd edition: 3500-Mg-E
189	CHEMICAL- WATER	Surface Water	Nitrate	APHA 23rd eddition 4500-NO3-B
190	CHEMICAL- WATER	Surface water	pH value	IS:3025 (Part-11)
191	CHEMICAL- WATER	Surface Water	Phosphate	IS:3025 (Part-31)
192	CHEMICAL- WATER	Surface Water	Potassium as K	IS:3025 (Part-45)
193	CHEMICAL- WATER	Surface Water	Reactive Sillica	IS:3025 (Part-35)
194	CHEMICAL- WATER	Surface water	Residual free chlorine	Chloroscope KIT
195	CHEMICAL- WATER	Surface water	Residual free chlorine	IS 3025 (Part 26) Clause. 3
196	CHEMICAL- WATER	Surface Water	Sodium as Na	IS:3025 (Part-45)
197	CHEMICAL- WATER	Surface water	SPECIFIC CONDUCTANCE	IS:3025 (Part-14)
198	CHEMICAL- WATER	Surface Water	SULPHATE	IS:3025 (Part-24)
199	CHEMICAL- WATER	Surface water	TOTAL ALKALINITY	IS:3025 (Part-23)
200	CHEMICAL- WATER	Surface Water	TOTAL DISSOLVED SOLIDS	IS:3025 (Part-16
201	CHEMICAL- WATER	Surface Water	TOTAL HARDNESS	IS:3025 (Part-21)
202	CHEMICAL- WATER	Surface Water	Turbidity	IS:3025 (Part-10)
203	CHEMICAL- WATER	Water from Water Purifiers	Calcium	IS:3025 (Part-40)
204	CHEMICAL- WATER	Water from Water Purifiers	Chloride	IS:3025 (Part-32)
205	CHEMICAL- WATER	Water from Water Purifiers	Chromium as Cr	IS:3025 (Part-52)
206	CHEMICAL- WATER	Water from Water Purifiers	Colour	IS:3025 (Part-4)

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207	CHEMICAL- WATER	Water from Water Purifiers	FLUORIDE	IS:3025 (Part-60)
208	CHEMICAL- WATER	Water from Water Purifiers	Hexavalent Chromium	APHA 23rd eddition 3500-Cr-B
209	CHEMICAL- WATER	Water from Water Purifiers	Magnesium	APHA 23rd edition: 3500-Mg-E
210	CHEMICAL- WATER	Water from Water Purifiers	Nitrate	APHA 23rd eddition 4500-NO3-B
211	CHEMICAL- WATER	Water from Water Purifiers	pH value	IS:3025 (Part-11)
212	CHEMICAL- WATER	Water from Water Purifiers	Phosphate	IS:3025 (Part-31)
213	CHEMICAL- WATER	Water from Water Purifiers	Potassium as K	IS:3025 (Part-45)
214	CHEMICAL- WATER	Water from Water Purifiers	Reactive Sillica	IS:3025 (Part-35)
215	CHEMICAL- WATER	Water from Water Purifiers	Residual free chlorine	UES/SAP/W/14/Residual Free Chlorine, Issue No.-1, Issue Date:24.09.2016, as per IS: 3025 (Part-26-Clause-3):1986
216	CHEMICAL- WATER	Water from Water Purifiers	Residual free chlorine	UES/SAP/W/14/Residual Free Chlorine: Chloroscope KIT
217	CHEMICAL- WATER	Water from Water Purifiers	Sodium as Na	UES/SAP/W/17/Sodium, Issue No.-1, Issue Date:18.08.2020, as per IS:3025 (Part-45):1993
218	CHEMICAL- WATER	Water from Water Purifiers	SPECIFIC CONDUCTANCE	UES/SAP/W/2/E.C, Issue No.-1, Issue Date:24.09.2016, as per IS:3025 (Part-14): 2013
219	CHEMICAL- WATER	Water from Water Purifiers	SULPHATE	UES/SAP/W/7/Sulphate, Issue No.-1, Issue Date:24.09.2016, as per IS:3025 (Part-24):1986
220	CHEMICAL- WATER	Water from Water Purifiers	TOTAL ALKALINITY	UES/SAP/W/3/Total Alkalinity, Issue No.-1, Issue Date:24.09.2016, as per IS:3025 (Part-23): 1986
221	CHEMICAL- WATER	Water from Water Purifiers	TOTAL DISSOLVED SOLIDS	UES/SAP/W/8/TDS, Issue No: 1, Issue date:24.09.2016 as per IS:3025 (Part-16):1984
222	CHEMICAL- WATER	Water from Water Purifiers	TOTAL HARDNESS	UES/SAP/W/4/Total Hardness, Issue Date:24.09.2016, as per IS:3025 (Part-21) :2009
223	CHEMICAL- WATER	Water from Water Purifiers	Turbidity	UES/SAP/W/35/Turbidity, Issue No: 1, Issue date:18.08.2020 as per IS:3025 (Part-10):1984

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Site Facility				
1	CHEMICAL- WATER	Drinking Water	Residual free chlorine	Chloroscope KIT

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.