National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UNIVERSAL ANALYTICAL LAB, PLOT NO. 77A, KEWAT NO. 222, DHARUHERA, REWARI, HARYANA, 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	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Bio burden, Estimation of classified and non-classified Area (Air)	Total Bacterial Count	UAL/SP/MIC/01-2021 By Plate Exposure Method
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Bio burden, Estimation of classified and non-classified Area (Air)	Total Fungal Count	UAL/SP/MIC/01-2021 By Plate Exposure Method
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Bio burden, Estimation of classified and non-classified Area (Air)	Total Viable count	UAL/SP/MIC/01-2021 By Plate Exposure Method
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents /Waste water	E.coli	IS-1622
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents /Waste water	Faecal Coliform	IS-1622
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents /Waste water	Total Coliform	IS-1622
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste Water	Faecal Streptococci	IS-1622
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic /Non Alcoholic)	Coliform count	IS 5401(Part 1)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic /Non Alcoholic)	Escherichia coli	IS 5887(Part 1)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic /Non Alcoholic)	Salmonella spp.	IS 5887(Part 3)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic /Non Alcoholic)	Total Bacterial Count	IS 5402
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic /Non Alcoholic)	Yeast & Mould Count	IS 5403
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic /Non Alcoholic)	Staphylococcus aureus	IS 5887(Part 2)

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14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Sweets, Namkeen, Chokolate, Toffes	Coliform count	IS 5401(Part 1)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Sweets, Namkeen, Chokolate, Toffes	Escherichia coli	IS 5887 (Part 1)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Sweets, Namkeen, Chokolate, Toffes	Salmonella spp.	IS 5887 (Part 3)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Sweets, Namkeen, Chokolate, Toffes	Shigella spp.	IS 5887 (Part 7)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Sweets, Namkeen, Chokolate, Toffes	Yeast &Mould count	IS 5403
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Sweets, Namkeen, Chokolate, Toffes	Total Plate Count	IS 5402
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Sweets, Namkeen, Chokolate, Toffes	Staphylococcus aureus	IS 5887 (Part 2)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked and Ready to Eat Food Products	Yeast & mould count	IS 5403
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked and Ready to Eat Food Products	Coliform count	IS 5401(Part 1)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked and Ready to Eat Food Products	Salmonella spp.	IS 5887 (Part 3)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked and Ready to Eat Food Products	Staphylococcus aureus	IS 5887(Part 2)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked and Ready to Eat Food Products	Total Bacterial Count	IS 5402
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked and Ready to Eat Food Products	Escherichia coli	IS 5887(Part 1)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk, Curd, Ice-cream, Ghee, Khoa, Paneer	Coliform	IS 5401(Part 1)

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28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk, Curd, Ice-cream, Ghee, Khoa, Paneer	Escherichia coli	IS 5887(Part 1)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk, Curd, Ice-cream, Ghee, Khoa, Paneer	Salmonella spp.	IS 5887 (Part 3)
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk, Curd, Ice-cream, Ghee, Khoa, Paneer	Shigella spp.	IS 5887(Part 7)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk, Curd, Ice-cream, Ghee, Khoa, Paneer	Total Bacterial Count	IS 5402
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk, Curd, Ice-cream, Ghee, Khoa, Paneer	Yeast & mould count	IS 5403
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk, Curd, Ice-cream, Ghee, Khoa, Paneer	Staphylococcus aureus	IS 5887(Part 2)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed Cereal Based Complementary Foods	Coliform count	IS 5401(Part 1)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed Cereal Based Complementary Foods	Escherichia coli	IS 5887(Part 1)
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed Cereal Based Complementary Foods	Salmonella spp.	IS 5887(Part 3)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed Cereal Based Complementary Foods	Shigella spp.	IS 5887(Part 7)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed Cereal Based Complementary Foods	Total plate count	IS 5402
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed Cereal Based Complementary Foods	Yeast & Mould Count	IS 5403
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Processed Cereal Based Complementary Foods	Staphylococcus aureus	IS 5887(Part 2)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Rice, Pulses, Basen, Atta, Maida, Suji	Coliform count	IS 5401(Part 1)

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42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Rice, Pulses, Basen, Atta, Maida, Suji	Escherichia coli	IS 5887(Part 1):
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Rice, Pulses, Basen, Atta, Maida, Suji	Salmonella spp.	IS 5887 (Part 3)
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Rice, Pulses, Basen, Atta, Maida, Suji	Total Bacterial Count / Total Plate Count	IS 5402
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Rice, Pulses, Basen, Atta, Maida, Suji	Yeast &mould count	IS 5403
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Rice, Pulses, Basen, Atta, Maida, Suji	Staphylococcus aureus	IS 5887(Part 2)
47	BIOLOGICAL- WATER	Drinking water/ground water/Surface water	E.coli	IS 15185
48	BIOLOGICAL- WATER	Drinking Water/Ground Water/Surface Water	E.coli	IS-1622
49	BIOLOGICAL- WATER	Drinking Water/Ground Water/Surface Water	Faecal Coliform	IS-1622
50	BIOLOGICAL- WATER	Drinking water/ground water/Surface water	Standard Plate Count(SPC)/Total Bacterial Count	IS-1622
51	BIOLOGICAL- WATER	Drinking water/Ground water/Surface water	Total Coliform	IS-1622
52	CHEMICAL- ATMOSPHERIC POLLUTION	Ambiant Air	Arsenic	UAL/SP/27
53	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182 (Part-25)
54	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzene	IS-5182 (Part-11)
55	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo(a) pyrene(BAP)	IS-5182 (P-12)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide	IS-5182 (P-10)
57	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Chlorine	IS-5182 (P-19)
58	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Fluoride	IS-5182 (P-13)
59	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Hydrogen Sulphide	IS-5182 (P-7)

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60	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead	IS-5182 (P-22)
61	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel	UAL/SP/26
62	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen dioxide	IS-5182 (P-6)
63	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone(O3)	IS-5182 (P-9)
64	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM 10)	IS-5182(P-23)
65	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter (PM 2.5)	IS 5182 (P-24)
66	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide	IS-5182 (P-2)
67	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Particulate Matter (SPM)	IS-5182 (P-4)
68	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient noise & Source level	Ambient noise & Source level	UAL SP/32
69	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Ambiant Temperature	UAL/SP-05
70	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological Parameters	Wind Direction	UAL/SP/05
71	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological Parameters	Rain Fall	UAL/SP/05
72	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological Parameters	Relative Humidity	UAL/SP/05
73	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological Parameters	Wind Speed	UAL/SP/05
74	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Acid Mist (HCL)	UAL/SP/30
75	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia	IS-11255 (P-6)
76	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Monooxide	IS-13270
77	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Flow Rate	IS-11255 (P-3)
78	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Fluoride	UAL-SP-35

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79	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Sulphide	IS-11255 (P-4)
80	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Non methane hydrocarbon	USEPA (P-25 A)
81	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen	IS-11255 (P-7)
82	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen	IS-13270
83	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter (PM)	IS-11255 (P-1)
84	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur dioxide	IS-11255 (P-2)
85	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Temperature	IS-11255 (P-3)
86	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Velocity & Flow	IS-11255 (P-3)
87	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emisson	Carbon dioxide	IS-13270
88	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	CO	UAL/SP/WZ/01
89	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	CO2	UAL/SP/WZ/01
90	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	HC	UAL/SP/WZ/01
91	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Humidity	UAL/SP/WZ/01
92	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Illumination (Lux level)	IS 6665
93	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	NO2	IS 5182 (P-6)
94	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	O2	UAL/SP/WZ/01
95	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	PM10	IS 5182 (P-23)
96	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	SO2	IS 5182 (P-2)
97	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	SPM	IS 5182 (P-4)

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98	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Temperature	UAL/SP/WZ/01
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Acid insoluble Ash	IS 1011
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Acidity of the extracted fat (as Oleic Acid)	IS 1011
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Moisture	IS 1011
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper	Acid insoluble ash	IS 1797
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper	Moisture	IS 1797
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper	Non volatile ether ext.	IS 1797
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper	Total Ash (on dry basis)	IS 1797
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhana Paneer	Ash (on dry basis)	IS 5162
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhana Paneer	Milk Fat, (on dry basis)	IS 2785
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhana Paneer	Moisture	IS 2785
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhana Paneer	Protein, (on dry basis)	IS 7219
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillie Powder	Acid insoluble Ash,	IS 1797
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillie Powder	Non-volatile ether extract	IS 1797

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112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillie Powder	Total Ash	IS 1797
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillie Powder	Moisture	IS 1797
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd / Yoghurt (Vegetable)	Acidity (as Lactic Acid)	IS 1479 (P-1)
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd / Yoghurt (Vegetable)	Fat	IS 4079
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd / Yoghurt (Vegetable)	Protein (Nx6.25)	IS 7219
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd / Yoghurt (Vegetable)	Total Solids	IS 4079
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Acid Insoluble Ash	IS 1797
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Moisture	IS 1797
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Non-volatile ether extract	IS 1797
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Salt (as NaCl)	IS 1797
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Total Ash	IS:1797
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Volatile oil	IS 1797
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Acid insoluble Ash,	IS:1009
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Alcoholic acidity (as H_2SO_4) (on dry basis)	IS:1009

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126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Gluten, (on dry basis)	IS:1009
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Moisture	IS:1009
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Total Ash	IS:1009
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Fat	IS 1479 (P II)
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Milk Solids	IS 1479 (P II)
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Solids not fat	IS 1479 (P II)
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Acid insoluble ash	IS 15271
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Acid value of the extracted oil	IS 15271
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Fat (on dry basis)	IS 15271
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Moisture	IS 15271
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Peroxide value of the extracted oil, (as Oleic Acid)	IS 15271
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Semolina (Suji)	Acid Insoluble ash,	1010
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Semolina (Suji)	Alcoholic acidity (as H_2SO_4) (on dry basis)	1010
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Semolina (Suji)	Gluten, (on dry basis)	1010

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140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Semolina (Suji)	Moisture	IS 1010
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Semolina (Suji)	Total Ash,	1010
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Powder	Acid insoluble ash	IS 1797
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Powder	Moisture	IS 1797
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Powder	Presence of chromates	IS 3576
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Powder	Total Ash, (on dry basis)	IS 1797
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Acid insoluble ash	IS:1155
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Alcoholic acidity (as H_2SO_4) (on dry basis)	IS:1155
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Gluten	IS:1155
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Moisture	IS:1155
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Total Ash	IS:1155
151	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Cadmium	US EPA 3050 B (AAS-Flame)
152	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Calcium Carbonate	USDA Titration Method
153	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Calcium	UAL/SP/SS/01
154	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	CEC	IS 2720 Part-24

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155	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Chloride	UAL/SP/SS/01
156	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Chromium	US EPA 3050 B (AAS-Flame)
157	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Copper	US EPA 3050 B (AAS-Flame)
158	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Electrical Conductivity	IS-14767
159	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Iron	US EPA 3050 B (AAS-Flame)
160	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Lead	US EPA 3050 B (AAS-Flame)
161	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Magnesium	UAL/SP/SS/01
162	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Moisture	IS-2720(Part-2)
163	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Nickel	US EPA 3050 B (AAS-Flame)
164	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Nitrate	USDA Chromotropic Method
165	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Organic Matter & Organic Carbon	IS-270(P-22)
166	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	pH	IS-2720(P-26)
167	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Phosphorous (Available)	USDA Extraction method
168	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Sodium	USDA Extraction method
169	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Specific Gravity	IS-2720 (P-3)
170	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Sulphate	IS-2720(P-27)
171	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Total Kjeldahl Nitrogen	IS-14684
172	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Total soluble solid	IS-2720(P-21)
173	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Zinc	US EPA 3050 B (AAS-Flame)

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174	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Exchangeable Magnesium	USEPA Titration Method
175	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Phosphate (Total)	USEPA Extraction method
176	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Potassium	USEPA Extraction Method
177	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Sludge & Solid Waste	Water Holding Capacity	USEPA
178	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage	Residual Free Chlorine	IS-3025(Part-26)
179	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Aluminium	APHA 23 rd Ed.2017, 3111 D
180	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Anionic detergents	IS-13428-Annex-K
181	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Bio-Chemical Oxygen demand (BOD)	IS-3025(Part-44)
182	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Chloride	IS-3025(Part-32)
183	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chromium (Total)	APHA 23 rd Ed.2017, 3111 B
184	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	IS-3025(Part-14)
185	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride	IS -3025(P-60)-2008/APHA 23 rd Ed.2017, 4500-F D
186	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron	APHA 23 rd Ed.2017, 3111 B
187	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Lead	APHA 23 rd Ed.2017, 3111 B
188	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium	IS-3025 (Part-46)
189	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Manganese	APHA 23rd Edition (P-3-85)
190	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Mercury	APHA 23 rd Ed.2017, 3112 B (By Mercury Analyzer)
191	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Molybdenum	IS-3025(Part-2)
192	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nickel	APHA-23rd Ed(P-3111)

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193	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate	IS-3025(Part-34)
194	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite	IS-3025(Part-34)
195	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	IS-3025(Part-11)
196	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphate	IS-3025(Part-31)
197	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Selenium	APHA-23rd Ed (P-3111)
198	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Silica	IS-3025(Part-35)
199	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Silver	APHA 23 rd Ed.2017, 3111 B
200	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium	IS-3025 (Part-45)
201	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate	IS-3025(Part-24)
202	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide	IS-3025(Part-29)
203	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	IS-3025(Part-9)
204	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity	IS-3025 (Part-23)
205	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness	IS-3025(Part-21)
206	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/sewage)	Total Kjeldhal Nitrogen	IS-3025(Part-34)
207	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	APHA 23 rd Ed.2017, 2540 B
208	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids (TSS)	IS-3025(Part-17)
209	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Vanadium	APHA 23rd Ed (Part-3111)
210	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Zinc	APHA 23rd Ed (P-3111)
211	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chromium (Hexa)	APHA 23 rd Ed.2017, 3500-Cr B

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212	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluent/Sewage)	Copper	APHA-23rd Ed(P-3111)
213	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage	Calcium	IS-3025(Part-40)
214	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage	Colour	IS-3025(Part-4)
215	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage	Dissolved Oxygen (DO)	IS-3025(PArt-38)
216	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage	Fixed Dissolved Solids (FDS)	IS-3025(Part-18)
217	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage	Odour	IS-3025(Part-5)
218	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage	Turbidity	IS-3025(Part-10)
219	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage	Ammonical Nitrogen	IS-3025(Part-34)
220	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Ammonia	IS-3025(Part-34)
221	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Arsenic	APHA 23rd Edition(P-3111)
222	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Barium	IS-13428 - Annex-F
223	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Bio-Assay	IS-6582
224	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Cadmium	APHA 23 rd Ed.2017, 3111 B
225	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Chemical Oxygen Demand (COD)	IS -3025(P-58)-2006/APHA 23rd Ed,5220-B:2017
226	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Cyanide	IS-3025(Part-27)
227	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Oil & Grease	IS-3025(Part-39)
228	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Phenolic Compounds	IS-3025(Part-43)
229	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Potassium	IS-3025(Part -45)
230	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Total Dissolved solids (TDS)	IS-3025(Part-16)

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231	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/sewage)	Boron	APHA 4500 B
232	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground Water/Surface water	Boron	APHA 23 rd Ed.2017, 4500-B B
233	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground Water/Surface water	Arsenic	APHA 23rd Edn.,3111 C
234	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground Water/Surface water	Cadmium	APHA 23rd Edn.,3111 B
235	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground Water/Surface water	Chromium (hexa)	APHA 23 rd Ed.2017, 3500-Cr B
236	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground Water/Surface water	Chromium (Total)	APHA 23 rd Ed.2017, 3111 B
237	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground Water/Surface water	Copper	APHA 23 rd Ed.2017, 3111 B
238	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground Water/Surface water	Lead	APHA 23rd Edn.,3111 B
239	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground Water/Surface water	Mercury	APHA 23rd Edn.,3112 B
240	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground Water/Surface water	Nickel	APHA-23rd Edn., 3111 B
241	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground Water/Surface water	Zinc	APHA 23rd Ed (P-3111 B)
242	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground Water/Surface Water	Aluminium	APHA 23rd Edn., 3111-B
243	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground water/Surface water	Barium	IS-13428 Annex J
244	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground Water/Surface water	Iron	APHA 23rd Edn.,3111
245	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground Water/Surface water	Manganese	APHA 23rd Ed,3111 B
246	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground Water/Surface water	Molybdenum	IS-3025 (P-2)
247	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground water/Surface water	Selenium	APHA 23r Edn.,3111
248	CHEMICAL- RESIDUES IN WATER	Drinking Water/Ground water/Surface water	Silver	IS-13428 Annex-J
249	CHEMICAL- RESIDUES IN WATER	Drinking water/Ground water/Surface water	Vanadium	APHA 23rd Edn 3111 D

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250	CHEMICAL- WATER	Construction water	Chloride	IS-3025(P-32)
251	CHEMICAL- WATER	Construction Water	Inorganic solids	IS-3025(P-18)
252	CHEMICAL- WATER	Construction Water	Neutralisation of 100 ml of water sample with mixed indicator using 0.02 N , H2SO4	IS-3025(P-23)
253	CHEMICAL- WATER	Construction Water	Neutralisation of 100 ml of water sample with phenolphthalein indicator using 0. 02 N , NaOH	IS-3025 (P-22)
254	CHEMICAL- WATER	Construction Water	Organic solids	IS-3025(P-18)
255	CHEMICAL- WATER	Construction Water	pH	IS-3025(P-11)
256	CHEMICAL- WATER	Construction Water	Sulphate (SO3)	IS-3025(P-24)
257	CHEMICAL- WATER	Construction Water	Suspended Matter	IS-3025(P-17)
258	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Colour	IS-3025 (P-4)
259	CHEMICAL- WATER	Drinking water/Ground Water/Surface water	Cyanide	IS-3025(P-27)
260	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Ammonia	IS-3025(P-34)
261	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Ammonical Nitrogen	IS-3025(P-34)
262	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Anionic Detergents	IS-13428 Annex-K
263	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Calcium	IS-3025(P-40)
264	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Calcium Hardness	IS-3025(P-40)
265	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Chloride	IS-3025 (P-32)
266	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Dissolved Oxygen	IS-3025(P-38)
267	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Fluoride	APHA 23rd Edn., 4500-F
268	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Magnesium	IS-3025(P-46)
269	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Magnesium Hardness	IS-3025 (P-16)
270	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Nitrate	IS-3025(P-34)
271	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Nitrite	IS-3025(P-34)
272	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Odour	IS-3025 (P-5)
273	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	pH	IS-3025(P-11)
274	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Phenolic Compounds	IS-3025 (P-43)
275	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Phosphate	IS-3025 (P-31)
276	CHEMICAL- WATER	Drinking water/Ground water/Surface water	Potassium	IS-3025(P-45)

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277	CHEMICAL- WATER	Drinking Water/Ground water/Surface water	Residual Free chlorine	IS-325(P-26)
278	CHEMICAL- WATER	Drinking Water/Ground water/Surface water	Silica	IS-3025(P-35)
279	CHEMICAL- WATER	Drinking Water/Ground water/Surface water	Sodium	IS-3025(P-45)
280	CHEMICAL- WATER	Drinking Water/Ground water/Surface water	Specific Conductivity	IS-3025(P-14)
281	CHEMICAL- WATER	Drinking Water/Ground Water/Surface water	Sulphate	IS-3025(P-24)
282	CHEMICAL- WATER	Drinking water/ground water/surface water	Sulphide	IS-3025(P-29)
283	CHEMICAL- WATER	Drinking water/ground water/surface water	Temperature	IS-3025(P-9)
284	CHEMICAL- WATER	Drinking water/Ground water/surface water	Total Acidity	APHA 23rd Edn.,2310 B
285	CHEMICAL- WATER	Drinking Water/Ground water/Surface water	Total Alkalinity	IS-3025(P-23)
286	CHEMICAL- WATER	Drinking water/Ground water/surface water	Total Dissolved solids	IS-3025(P-16)
287	CHEMICAL- WATER	Drinking water/ground water/surface water	Total Hardness	IS-3025(P-21)
288	CHEMICAL- WATER	Drinking water/Ground water/Surface water	Turbidity	IS-3025(P-10)
289	CHEMICAL- WATER	Drinking water/Surface water/Ground water	Taste	IS-3025(P-7)