National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHIVA TEST HOUSE, 122-C, AASTHA, ROAD NO. 5A, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 30/04/2022 to 29/04/2024 **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	BIOLOGICAL- ANIMAL FOOD & FEED	POULTRY FEED ADDITIVES	BACILLUS CEREUS	IS 5887(PART6)
2	BIOLOGICAL- ANIMAL FOOD & FEED	POULTRY FEED ADDITIVES	COLIFORM	IS 5401(PART1)
3	BIOLOGICAL- ANIMAL FOOD & FEED	POULTRY FEED ADDITIVES	ESCHERICHIA COLI	IS 5887(PART1)
4	BIOLOGICAL- ANIMAL FOOD & FEED	POULTRY FEED ADDITIVES	LISTERIA MONOCYTOGES	IS 14988(PART 1)
5	BIOLOGICAL- ANIMAL FOOD & FEED	POULTRY FEED ADDITIVES	SALMONELLA	IS 5887(PART3)
6	BIOLOGICAL- ANIMAL FOOD & FEED	POULTRY FEED ADDITIVES	SHIGELLA	IS 5887(PART 7)
7	BIOLOGICAL- ANIMAL FOOD & FEED	POULTRY FEED ADDITIVES	STAPHYLOCOCCUS AUREUS	IS 5887(PART2)
8	BIOLOGICAL- ANIMAL FOOD & FEED	POULTRY FEED ADDITIVES	YEAST AND MOULD	IS 5403
9	BIOLOGICAL- ANIMAL FOOD & FEED	POUTRY FEED ADDITIVES	AEROBIC COLONY COUNT/BACTERIAL COUNT/TOTAL PLATE COUNT	IS 5402
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	BAKERY & CONFECTIONERUY PRODUCTS	STAPHYLOCOCCUS AUREUS (ENUMERATION)	IS 5887(PART2)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	BAKERY & CONFECTIONERY PRODUCTS	BACILLUS CEREUS (ENUMERATION)	IS 5887(PART6)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	BAKERY & CONFECTIONERY PRODUCTS	COLIFORM (ENUMERATION)	IS 5401(PART1)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	BAKERY & CONFECTIONERY PRODUCTS	DETECTION OF LISTERIA MONOCYTOGENS	IS 14988(PART 1)
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	BAKERY & CONFECTIONERY PRODUCTS	DETECTION OF SALMONELLA	IS 5887(PART3)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	BAKERY & CONFECTIONERY PRODUCTS	DETECTION OF SHIGELLA	IS 5887(PART 7)

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16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	BAKERY & CONFECTIONERY PRODUCTS	E.COLI (ENUMERATION)	IS 5887(PART1)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	BAKERY & CONFECTIONERY PRODUCTS	TOTAL PLATE COUNT/BACTERIAL PLATE COUNT / AEROBIC PLATE COUNT	IS 5402
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast & Mould Enumeration	IS 5403
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOOD	AEROBIC PLATE COUNT / BACTERIAL COUNT/ TOTAL PLATE COUNT	IS 5402
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOOD	DETECTION OF SHIGELLA	IS 5887(PART 7)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOOD	E.COLI (ENUMERATION)	IS 5887(PART1)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOOD	YEAST & MOULD	IS 5403
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOODS	BACILLUS CEREUS ENUMERATION	IS 5887(PART6)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOODS	COLIFORM (ENUMERATION)	IS 5401(PART1)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOODS	DETECTION OF LISTERIA MONOCYTOGENS	IS 14988(PART 1)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOODS	DETECTION OF SALMONELLA	IS 5887(PART3)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CANNED & PROCESSED FOODS	STAPHYLOCOCCUS AUREUS (ENUMERATION)	IS 5887(PART2)
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	AEROBIC MICROBIAL COUNT / TOTAL PLATE COUNT/ BACTERIAL COUNT	IS 5402

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29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	BACILLUS CEREUS ENUMERATION	IS 5887(PART6)
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	COLIFORM ENUMERATION	IS 5401(PART1)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	DETECTION OF LISTERIA MONOCYTOGENS	IS 14988(PART 1)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	DETECTION OF SALMONELLA	IS 5887(PART3)
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	DETECTION OF SHIGELLA	IS 5887(PART 7)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	E.COLI ENUMERATION	IS 5887(PART1)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	STAPHYLOCOCCUS AUREUS ENUMERATION	IS 5887(PART2)
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	CEREALS PULSES & CEREAL PRODUCTS	YEAST & MOLD	IS 5403
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	COOKED FOOD	DETECTION OF LISTERIA MONOCYTOGENES	IS 14988(PART 1)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	COOKED FOOD	DETECTION OF SALMONELLA	IS 5887 (PART 3)
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	COOKED FOOD	DETECTION OF SHIGELLA	IS 5887(PART 7)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	AEROBIC PLATE COUNT / BACTERIAL COUNT / TOTAL PLATE COUNT	IS 5402
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	AEROBIC PLATE COUNT/BACTERIAL COUNT / TOTAL PLATE COUNT	IS 5402
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	BACILLUS CEREUS ENUMERATION	IS 5887(PART6)

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43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	BACILLUS CEREUS ENUMERATION	IS 5887(PART6)
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	COLIFORM ENUMERATION	IS 5401(PART1)
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	COLIFORM ENUMERATION	IS 5401(PART1)
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	DETECTION OF LISRTERIA MONOCYTOGENES	IS 14988(PART 1)
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	DETECTION OF LISTERIA MONOCYTOGENS	IS 14988(PART 1)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	fruit and Fruits products	DETECTION OF SALMONELLA	IS 5887(PART3)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	DETECTION OF SALMONELLA	IS 5887(PART3)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	DETECTION OF SHIGELLA	IS 5887(PART 7)
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	DETECTION OF SHIGELLA	IS 5887(PART 7)
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	E.COLI ENUMERATION	IS 5887(PART1)
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	E.COLI ENUMERATION	IS 5887(PART1)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	STAPHYLOCOCCUS AUREUS ENUMERATION	IS 5887(PART2)
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	STAPHYLOCOCCUS AUREUS ENUMERATION	IS 5887(PART2)
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	YEAST & MOLD ENUMERATION	IS 5403

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57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruits products	YEAST & MOLD ENUMERATION	IS 5403
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	AEROBIC MICROBIAL COUNT / BACTERIAL COUNT / TOTAL PLATE COUNT	IS 5402
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	BACILLUS CEREUS ENUMERATION	IS 5887(PART6)
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	COLIFORM ENUMERATION	IS 5401(PART1)
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	DETECTION OF LISTERIA MONOCYTOGENS	IS 14988(PART 1)
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	DETECTION OF SALMONELLA	IS 5887(PART3)
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	DETECTION OF SHIGELLA	IS 5887(PART 7)
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	E.COLI ENUMERATION	IS 5887(PART1)
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	STAPHYLOCOCCUS AUREUS ENUMERATION	IS 5887(PART 2)
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS	YEAST & MOLD ENUMERATION	IS 5403
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	AEROBIC PLATE COUNT / TOTAL PLATE COUNT / BACTERIAL COUNT	IS 5402
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	AEROBIC PLATE COUNT/BACTERIAL COUNT / TOTAL PLATE COUNT	IS 5402
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	BACILLUS CEREUS ENUMERATION	IS 5887(PART 6)
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	BACILLUS CEREUS ENUMERATION	IS 5887(PART 6)

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71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	COLIFORM ENUMERATION	IS 5401(PART1)
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	DETECTION OF LISTERIA MONOCYTOGENES	IS 14988(PART 1)
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	DETECTION OF LISTERIA MONOCYTOGENS	IS 14988(PART 1)
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	DETECTION OF SALMONELLA	IS 5887(PART 3)
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	DETECTION OF SALMONELLA	IS 5887(PART 3)
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	DETECTION OF SHIGELLA	IS 5887(PART 7)
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	DETECTION OF SHIGELLA	IS 5887(PART 7)
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	E.COLI ENUMERATION	IS 5887(PART 1)
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	E.COLI ENUMERATION	IS 5887(PART1)
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	STAPHYLOCOCCUS AUREUS ENUMERATION	IS 5887(PART 2)
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	STAPHYLOCOCCUS AUREUS ENUMERATION	IS 5887(PART 2)
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	TOTAL COLIFORM ENUMERATION	IS 5401(PART 1)
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	YEAST & MOLD ENUMERATION	IS 5403
84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	MILK & DAIRY PRODUCTS	YEAST & MOLD ENUMERATION	IS 5403

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85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	AEROBIC MICROBIAL COUNT/ BACTERIAL COUNT/ TOTAL PLATE COUNT	IS 5402
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	BACILLUS CEREUS ENUMERATION	IS 5887(PART 6)
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	DETECTION OF LISTERIA MONOCYTOGENS	IS 14988(PART 1)
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	DETECTION OF SALMONELLA	IS 5887(PART 3)
89	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	DETECTION OF SHIGELLA	IS 5887(PART 7)
90	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	E.COLI ENUMERATION	IS 5887(PART1)
91	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	STAPHYLOCOCCUS AUREUS ENUMERATION	IS 5887(PART 2)
92	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	TOTAL COLIFORM ENUMERATION	IS 5401(PART 1)
93	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	SNACKS & INSTANT MIX	YEAST & MOLD	IS 5403
94	BIOLOGICAL- WATER	DRINKING WATER	DETECTION OF COLIFORM	IS 15185
95	BIOLOGICAL- WATER	DRINKING WATER	DETECTION OF E.COLI	IS 15185
96	BIOLOGICAL- WATER	GROUND WATER/SURFACE WATER	DETECTION OF COLIFORM	IS 1622
97	BIOLOGICAL- WATER	GROUND WATER/SURFACE WATER	DETECTION OF E.COLI	IS 1622
98	BIOLOGICAL- WATER	GROUND WATER/SURFACE WATER	DETECTION OF FAECAL COLIFORM	IS 1622
99	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	Aerobic Microbial count at 22°c for 72 h	IS 5402
100	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	Aerobic Microbial count at 37°c for 24 h	IS 5402
101	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF COLIFORMS	IS 15185
102	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF E.COLI	IS 15185

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103	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF FAECAL STREPTOCOCCI	IS 15186
104	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF PSEUDOMONAS AEROGINOSA	IS 13428 ANNEX D
105	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF SALMONELLA	IS15187
106	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF SHIGELLA	IS 5887(PART 7)
107	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF STAPHYLOCOCCUS AUREUS	IS 5887 PART 2
108	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF SULPHIDE REDUCING ANAEROBES	IS 13428 ANNEX C
109	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF VIBRIO CHOLERAE	IS 5887 PART 5
110	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	DETECTION OF VIBRIO PARAHAEMOLYTICUS	IS 5887 PART 5
111	BIOLOGICAL- WATER	PACKAGED DRINKING WATER	YEAST & MOLD	IS 5403
112	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	Lab SOP No. STH/CD-03/SOP/NH3/13
113	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	GMAAP CPCB Vol. I
114	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide	IS 5182 (Part-6)
115	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS 5182 (Part-9)
116	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	Lab SOP No. STH/CD-03/SOP/PM/18 Based on CPCB VOL. I
117	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part-23)
118	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part-2)
119	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels	Ambient Noise Leq dB(A)	IS 9989
120	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide	IS 13270
121	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide	IS 13270
122	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Oxides (NOx)	IS 11255 (Part- 7)

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123	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part-1)
124	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS 11255 (Part-2)
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity	IS 3025 (P-22)
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Aluminium	APHA (3111 D)
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	IS 3025 (Part-34)
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Arsenic	APHA (3114 B), IS 3025 (Part-37)
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Barium	APHA (3111 D)
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio Chemical Oxygen Demand (BOD) (3 days at 27 0C)	IS 3025 (Part-44)
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Boron	APHA (4500 B), IS 3025 (Part 57)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Cadmium	APHA (3111 B)
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand (COD)	APHA (5220 B), IS 3025 (P-58)
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA (4500 Cl B), IS 3025 (Part-32)
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chromium	IS 3025 (Part-52)
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper	APHA (3500 Cu B)
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS 3025 (Part-38) APHA(4500-O C)
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Phosphate	APHA (4500-P D), IS 3025 (Part-31)
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride	APHA (4500 F D)
140	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium	IS 3025 (Part-52)
141	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Iron	APHA (3111 B), IS 3025 (Part-53)

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142	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Lead	APHA (3500 Pb B), APHA (3111 B), IS 3025 (Part-47)
143	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Manganese	APHA (3111 B)
144	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Mercury	APHA (3112 B)
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Molybdenum	APHA (3111 D)
146	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nickel	APHA (3111 B)
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate	APHA (4500-NO3 B), IS 3025 (Part-34)
148	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA (5520 B), IS 3025 (Part-39)
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (P-11)
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Salinity	APHA (2520 B)
151	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Silver	APHA (3111 C)
152	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA (4500-SO4 E), IS 3025 (Part-24)
153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide	APHA (4500 S2 F)
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA (4500-Norg B), IS 3025 (Part-34)
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 2540 B
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS 3025 (Part-17)
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Zinc	APHA (3500 Zn B), APHA (3111 B)
158	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Aluminium	APHA(3111 D)
159	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Barium	APHA(3111 D)
160	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Silver	APHA(3111 C)

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161	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Arsenic	APHA (3114 B), IS 3025 (Part-37)
162	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Boron	APHA (4500 B B), IS 3025 (Part 57)
163	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Cadmium	APHA (3111 B)
164	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Chromium	IS 3025 (Part-52)
165	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Copper	APHA (3500 Cu B)
166	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Iron	APHA (3111 B), IS 3025 (Part-53)
167	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Lead	APHA (3500 Pb B), APHA (3111 B), IS 3025 (Part-47)
168	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Manganese	APHA (3111 B)
169	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Mercury	APHA (3112 B)
170	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Molybdenum	APHA(3111 D)
171	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Nickel	APHA (3111 B)
172	CHEMICAL- RESIDUES IN WATER	Drinking Water / Ground Water / Packaged Drinking Water	Zinc	APHA (3500 Zn B), APHA (3111 B)
173	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Alkalinity	APHA (2320 B), IS 3025 (Part-23)
174	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Calcium	APHA (3500 Ca B) , IS 3025 (Part-40)
175	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Chloride	APHA (4500-Cl- B), IS 3025 (Part-32)
176	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Colour	IS 3025 (Part-4)
177	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Conductivity	IS 3025 (Part-14)
178	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Fluoride	APHA (4500 F D)
179	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Magnesium	APHA (3500 Mg B), IS 3025 (Part-46)
180	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Nitrate	IS 3025 (Part-34)
181	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Odour	IS 3025 (Part-5)

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182	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	pH	IS 3025 (P-11)
183	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Phosphate	APHA (4500 P D), IS 3025 (Part-31)
184	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Potassium	APHA (3500 K B), IS 3025 (Part-45)
185	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Residual Chlorine	APHA (4500 Cl C), IS 3025 (Part-26)
186	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Sodium	APHA (3500 Na B) , IS 3025 (Part-45)
187	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Sulphate	APHA (4500 SO4 E), IS 3025 (Part-24)
188	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Sulphide	APHA (4500 S2 F)
189	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Taste	IS 3025 (Part 7)
190	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Total Dissolved Solids	APHA (2540 C), IS 3025 (Part-16)
191	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Total Hardness	APHA (2340 C), IS 3025 (Part-21)
192	CHEMICAL- WATER	Drinking Water / Ground Water / Packaged Drinking Water	Turbidity	APHA 2130 B, IS 3025 (Part 10)
193	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	IS 3025 (Part-34)
194	CHEMICAL- WATER	Surface Water	Bio Chemical Oxygen Demand (BOD) (3days at 27 0C)	IS 3025 (Part-44)
195	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	APHA (5220 B) IS 3025 (P-58)
196	CHEMICAL- WATER	Surface Water	Conductivity	IS 3025 (Part-14)
197	CHEMICAL- WATER	Surface Water	Dissolved Oxyegn	APHA(4500-O C), IS 3025 (Part-38)
198	CHEMICAL- WATER	Surface Water	Nitrate	IS 3025 (Part-34)
199	CHEMICAL- WATER	Surface Water	pH	IS 3025 (P-11)
200	CHEMICAL- WATER	Surface Water	Phosphate	APHA (4500 P D), IS 3025 (Part-31)
201	CHEMICAL- WATER	Surface Water	Potassium	APHA (3500 K B) , IS 3025 (Part-45)
202	CHEMICAL- WATER	Surface Water	Sodium	APHA (3500 Na B), IS 3025 (Part-45)
203	CHEMICAL- WATER	Surface Water	Sulphate	APHA (4500 SO4 E), IS 3025 (Part-24)

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204	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA (2540 C), IS 3025 (Part-16)
205	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (Part-17)
206	CHEMICAL- WATER	Surface Water	Turbidity	APHA 2130 B, IS 3025 (Part 10)

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