National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : POLUCHEM LABORATORIES PVT. LTD., 661 A, PALLATH BUILDING, NORTH KALAMASSERY, ERNAKULAM, KERALA, 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	Air/Surface	Aerobic Plate count	APHA 5th edition Chp 3
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air/Surface	Yeast & Mold	APHA 5th edition Chp 3
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Bio burden Estimation of Classified and non classified area	Toatal aerobic plate count	ISO 11737-1
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Bio burden Estimation of Classified and non classified area	Yeast & Mold	(ISO 11737-1
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	Coliforms	ISO 18593
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	E.coli	ISO 18593
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	Salmonella	ISO 18593
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	Staphylococus aureus	ISO 18593
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	Total Aerobic Plate Count	ISO 18593
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	Yeast & Mold	ISO 18593
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	(a)Cooked ready to serve or eat food (Curries/Chappathis/Boiled Rice (b)Raw food(Fruits and Vegetables)	Salmonella	USFDA:BAM:EDITION 8 CHAP-5
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	(a)Cooked ready to serve or eat food (Curries/Chappathis/Boiled Rice (b)Raw food(Fruits and Vegetables)	Coliforms	USFDA:BAM:EDITION 8 CHAP-4
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	(a)Cooked ready to serve or eat food (Curries/Chappathis/Boiled Rice (b)Raw food(Fruits and Vegetables)	E.coli	USFDA:BAM:EDITION 8 CHAP-4

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14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	(a)Cooked ready to serve or eat food (Curries/Chappathis/Boiled Rice (b)Raw food(Fruits and Vegetables)	Staphylococcus aureus	USFDA:BAM:EDITION 8 CHAP-12
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	(a)Cooked ready to serve or eat food (Curries/Chappathis/Boiled Rice (b)Raw food(Fruits and Vegetables)	Total Plate Count	USFDA:BAM:EDITION 8 CHAP-3
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	(a)Cooked ready to serve or eat food (Curries/Chappathis/Boiled Rice (b)Raw food(Fruits and Vegetables)	Yeast & Mold	USFDA:BAM:EDITION 8 CHAP-18
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliforms	USFDA:BAM:EDITION 8 CHAP 4:
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella	USFDA:BAM:EDITION 8 CHAP5:
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Staphylococcus aureus	USFDA:BAM:EDITION 8:CHAP -12
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast and Mold	USFDA:BAM:EDITION 8 CHAP-18)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & ConfectioneryProducts	E.Coli	USFDA:BAM:EDITION 8:CHAP-4
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery& Confectionery Products	Total Plate Count	USFDA:BAM:EDITION:8CHAP-3
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned& Processed Foods	Coliforms	USFDA:BAM:EDITION 8: CHAP-4
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned& Processed Foods	E coli	USFDA:BAM: EDITION 8: CHAP-4
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned& Processed Foods	Salmonella	USFDA BAM EDITION 8 CHAP-5
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned& Processed Foods	Staphylococcus aureus	USFDA BAM EDITION 8 CHAP-12
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned& Processed Foods	Total Plate Count	USFDA:BAM:EDITION 8 CHAP-3

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28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned& Processed Foods	Yeast & Mold	USFDA:BAM:EDITION 8 CHAP-18
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Total Plate Count	USFDA BAM EDITION 8 CHAP-3
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Coliforms	USFDA:BAM:EDITION 8: CHAP-4
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	E.coli	USFDA BAM EDITION 8 CHAP-4
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Salmonella	USFDA BAM EDITION 8 CHAP-5
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Staphylococcus aureus	USFDA BAM EDITION 8 CHAP-12
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Yeast & Mold	USFDA:BAM:EDITION 8 CHAP-18
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea food Products(Raw, Frozen, Canned, Cooked- Shrimp, Prawn, Lobster, Fish Crab, Squid, Oyster)	Coliforms	USFDA:BAM:EDITION 8: CHAP-4
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea food Products(Raw, Frozen, Canned, Cooked- Shrimp, Prawn, Lobster, Fish Crab, Squid, Oyster)	E.coli	USFDA:BAM:EDITION 8: CHAP-4
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea food Products(Raw, Frozen, Canned, Cooked- Shrimp, Prawn, Lobster, Fish Crab, Squid, Oyster)	Salmonella	USFDA BAM EDITION 8 CHAP-5
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea food Products(Raw, Frozen, Canned, Cooked- Shrimp, Prawn, Lobster, Fish Crab, Squid, Oyster)	Staphylococcus aureus	USFDA BAM EDITION 8 CHAP-12
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea food Products(Raw, Frozen, Canned, Cooked- Shrimp, Prawn, Lobster, Fish Crab, Squid, Oyster)	Total Plate Count	USFDA:BAM:EDITION:8CHAP-3
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Sea food Products(Raw, Frozen, Canned, Cooked- Shrimp, Prawn, Lobster, Fish Crab, Squid, Oyster)	Yeast & Mold	USFDA:BAM:EDITION 8 CHAP-18
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams juices,Sauces &Concentrates	Coliforms	USFDA:BAM:EDITION 8 CHAP-4

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42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams juices,Sauces &Concentrates	E.Coli	USFDA:BAM:EDITION:8 CHAP-4
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams juices,Sauces &Concentrates	Salmonella	USFDA:BAM:EDITION 8 CHAP-5
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams juices,Sauces &Concentrates	Staphylococcus aureus	USFDA:BAM:EDITION 8 CHAP-12
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams juices,Sauces &Concentrates	Total plate Count	USFDA BAM EDITION 8 CHAP-3
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams,Juices,Sauces& Concentrates	Yeast and Mold	USFDA:BAM:EDITION:8 CHAP-18
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut products	E.Coli	USFDA BAM EDITION 8 CHAP-4
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut and Nut products	Salmonella	USFDA BAM EDITION 8 CHAP-5
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut and Nut products	Staphylococcus aureus	USFDA BAM EDITION 8 CHAP-12
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nut products	Coliforms	USFDA:BAM:EDITION 8: CHAP-4
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut products	Total plate count	USFDA:BAM :EDITION 8 CHAP 3
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts and Nut products	Yeast and Mold	USFDA:BAM:EDITION 8 CHAP-18
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw, Thermally Processed / Frozen Vegetable Products, Soups Soup Powders,Paste , Ketchups, Pickles	Staphylococcus aureus	USFDA:BAM:EDITION 8:CHAP -12
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw, Thermally, Processed,Frozen Vegetable Products , Soups,Soup Powders, Paste , Pickles	Salmonella	USFDA BAM EDITION 8:CHAP-5
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw, Thermally, Processed,Frozen Vegetable Products , Soups,Soup Powders, Paste , Pickles	Yeast & Mold	USFDA:BAM:EDITION 8 :CHAP-18

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56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw, Thermally, Processed/ Frozen Vegetable Products, Soups, Soups Powders, Pastes, Pickles	E.coli	USFDA:BAM: EDITION 8:CHAP-4
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,Frozen,Canned, Cooked Chicken & Poultary products, Mutton,Pork, Beef	Coliforms	USFDA:BAM:EDITION 8: CHAP-4
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,Frozen,Canned, Cooked Chicken & Poultary products, Mutton,Pork, Beef	E.coli	USFDA:BAM: EDITION 8:CHAP-4
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,Frozen,Canned, Cooked Chicken & Poultary products, Mutton,Pork, Beef	Salmonella	USFDA BAM EDITION 8 CHAP-5
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,Frozen,Canned, Cooked Chicken & Poultary products, Mutton,Pork, Beef	Staaphylococus aureus	USFDA BAM EDITION 8 CHAP-12
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,Frozen,Canned, Cooked Chicken & Poultary products, Mutton,Pork, Beef	Total plate count	USFDA BAM EDITION 8 CHAP-3
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,Frozen,Canned, Cooked Chicken & Poultary products, Mutton,Pork, Beef	Yeast & Mold	USFDA:BAM:EDITION 8 CHAP-18
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,thermally processed or frozen fruits,dates,dry fruits	E.Coli	USFDA:BAM:EDITION 8 CHAP-4
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,thermally processed or frozen fruits,dates,dry fruits	Salmonella	USFDA BAM EDITION 8 CHAP-5
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,thermally processed or frozen fruits,dates,dry fruits	Staphylococcus aureus	USFDA:BAM:EDITION 8:CHAP -12
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,thermally processed or frozen fruits,dates,dry fruits	Yeast and mold	USFDA:BAM:EDITION 8 CHAP-18
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,thermally processed or frozen fruits,dry fruit	Total plate count	USFDA:BAM:EDITION:8 CHAP-3
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,Thermally processed or Frozen fruits,Dry fruits	Colifoms	USFDA:BAM:EDITION 8:CHAP-4
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,thermally processed or frozen Vegetables Products, Soups, Soup Powders & Pastes, Pickles	Coliforms	USFDA:BAM:EDITION 8: CHAP-4

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70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw,Thermally processes/ Frozen Vegetables, Soups, Soup Powders,Ketchups, Pickles	Total Plate Count	USFDA:BAM:EDITION:8 CHAP-3
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw/Pasteurized/Sterilized/UHT/Condensed/ Evaporated - Milk, Cheese, Butter, Dahi, Yogurt, Paneer, Khoya, Shirkhand, Dairy Whitener, Skim Milk POwder, Sweets, Ghee	Coliforms	UUSFDA:BAM:EDITION 8: CHAP-4
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw/Pasteurized/Sterilized/UHT/Condensed/ Evaporated - Milk, Cheese, Butter, Dahi, Yogurt, Paneer, Khoya, Shirkhand, Dairy Whitener, Skim Milk POwder, Sweets, Ghee	E.coli	USFDA:BAM:EDITION 8:CHAP-4
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw/Pasteurized/Sterilized/UHT/Condensed/ Evaporated - Milk, Cheese, Butter, Dahi, Yogurt, Paneer, Khoya, Shirkhand, Dairy Whitener, Skim Milk POwder, Sweets, Ghee	Salmonella	UUSFDA BAM EDITION 8 CHAP-5
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw/Pasteurized/Sterilized/UHT/Condensed/ Evaporated - Milk, Cheese, Butter, Dahi, Yogurt, Paneer, Khoya, Shirkhand, Dairy Whitener, Skim Milk POwder, Sweets, Ghee	Staphylococcus aureus	USFDA:BAM:EDITION 8:CHAP -12
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw/Pasteurized/Sterilized/UHT/Condensed/ Evaporated - Milk, Cheese, Butter, Dahi, Yogurt, Paneer, Khoya, Shirkhand, Dairy Whitener, Skim Milk POwder, Sweets, Ghee	Total plate count	USFDA:BAM:EDITION 8 CHAP-12
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw/Pasteurized/Sterilized/UHT/Condensed/ Evaporated - Milk, Cheese, Butter, Dahi, Yogurt, Paneer, Khoya, Shirkhand, Dairy Whitener, Skim Milk POwder, Sweets, Ghee	Yeast & Mold	USFDA:BAM:EDITION 8 CHAP-18
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Seasonng powder, Mixed Masala,Coriander Powder, Chilly Powder, Turmeric Powder, Pepper, Dried Ginger, Cardomom, Cumin	Coliforms	USFDA: BAM :EDITION 8 CHAP-4
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Seasonng powder, Mixed Masala,Coriander Powder, Chilly Powder, Turmeric Powder, Pepper, Dried Ginger, Cardomom, Cumin	E.Coli	USFDA BAM EDITION 8 CHAP-4
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Seasonng powder, Mixed Masala,Coriander Powder, Chilly Powder, Turmeric Powder, Pepper, Dried Ginger, Cardomom, Cumin	Salmonella	USFDA:BAM:EDITION: 8 CHAP-5
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Seasonng powder, Mixed Masala,Coriander Powder, Chilly Powder, Turmeric Powder, Pepper, Dried Ginger, Cardomom, Cumin	Staphylococcus aureus	USFDA BAM:EDITION8 CHAP-12
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Seasonng powder, Mixed Masala,Coriander Powder, Chilly Powder, Turmeric Powder, Pepper, Dried Ginger, Cardomom, Cumin	Total Plate Count	USFDA:BAM:EDITION :8 CHAP-3

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82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Seasonng powder, Mixed Masala,Coriander Powder, Chilly Powder, Turmeric Powder, Pepper, Dried Ginger, Cardomom, Cumin	Yeast and Mold	USFDA:BAM:EDITION 8 CHAP-18
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Coliforms	USFDA BAM EDITION 8 CHAP-4
84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	E.Coli	USFDA:BAM :EDITION: 8 CHAP-4
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Salmonella	USFDA:BAM:EDITION :8 CHAP-5
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Staphylococcus aureus	USFDA:BAM:EDITION: 8 CHAP-12
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Total Plate Count	USFDA:BAM:EDITION 8:CHAP-3
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Yeast and mold	USFDA:BAM:EDITION:8 CHAP-18
89	BIOLOGICAL- WATER	(Membrane Filtaration) Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	Salmonella	IS 5887 (Part 3)
90	BIOLOGICAL- WATER	Drinking Water (Membrane Filtration)Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	Coliform	IS 15185
91	BIOLOGICAL- WATER	Drinking water (Membrane Filtration)Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	E.coli	IS 15185
92	BIOLOGICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	Coliforms	IS 1622
93	BIOLOGICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	E.Coli	IS 1622
94	BIOLOGICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	Standard Plate Count	IS 1622

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95	BIOLOGICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	TOTAL PLATE COUNT 22'C	IS:5402
96	BIOLOGICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	TOTAL PLATE COUNT 35'C	IS 5402
97	BIOLOGICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Construction water, Industrial water, Irrigation water & Purifier water	Yeast & Mold	IS 5403
98	BIOLOGICAL- WATER	Waste Water (Effluents/Sewage)	Coliforms	is 1622
99	BIOLOGICAL- WATER	Waste Water (Effluents/Sewage)	Faecal Coliforms	IS 1622
100	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Coliforms	IS 1622
101	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	E.Coli	IS 1622
102	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Feacal Coliforms	IS 1622
103	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Standard Plate Count	IS 3328
104	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon Dioxide	SOP/PCL/CO2A/2019
105	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide CO	SOP/PCL/COA/17
106	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	HUMIDITY	SOP/PCL/CO2A/2019
107	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrogen Sulphide as H2S	IS 5182 (part 7)
108	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide as NO2	IS 5182 (Part 6)
109	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Particle size less than 10 Micro meter PM10)	IS 5182 (part 23)
110	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Particle size less than 2.5 Micro meter PM 2.5)	IS 5182 Part -24
111	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (part 2)
112	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Temperature	SOP/PCL/CO2A/2019
113	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air / Source Noise Level	Equivalent Noise level (Leq)	SOP/PCL/SL/17

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114	CHEMICAL- ATMOSPHERIC POLLUTION	LIGHT INTENSITY	LIGHT	SOP/LIGHT/PCL/2020
115	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 (part 6)
116	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide as CO2	IS 13270
117	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Carbon Monoxide as CO	IS 13270
118	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
119	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen as O2	IS 13270
120	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (part 01)
121	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS 11255 (Part 2)
122	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS 11255 (part 3)
123	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Velocity	IS 11255 (part 3)
124	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Volume of Emsiion	IS 11255 (part 3)
125	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Chloride	IS 3025 (part 32)
126	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Dissolved Oxygen	IS 3025 (Part 38)
127	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Total Nitrogen	IS 3025 part 34
128	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Total Kjaldhal Nitrogen	IS 3025 (part 34)
129	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Acidity as CaCO3	IS 3025 (part 22)
130	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Ammonia	IS 3025 (part 34)
131	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Ammoniacal Nitrogen	IS 3025 (part 34)
132	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	BOD	IS 3025 (Part 44)

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133	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	calcium	IS3025 (PART 40)
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chromium as Cr6+	IS 3025(part 52)
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	COD	Is 3025 (part 58)
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Colour	IS 3025(part 4)
137	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	conductivity	IS 3025 (Part 14)
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Phosphate	IS 3025(PART 31)
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride as F	IS 3025 (Part 60)
140	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Free Ammonia	IS 3025 (Part 34)
141	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Magnesium	IS 3025 (PART 46)
142	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate as NO3	IS 3025 (Part 34)
143	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Nitrite as NO2	IS 3025 (part 34)
144	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Oil & Grease	IS 3025 (part 39)
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (part 11)
146	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Phenolic Compounds as C6H5OH	IS 3025 (part 43)
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual chlorine	IS 3025 (Part 26)
148	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Silica	IS 3025 (Part 35)
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	IS3025 (PART24)
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Suspended solids	IS 3025 (Part 17)
151	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Temperature	IS 3025 (Part 9)

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152	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	TOTAL ALKALINITY as CaCO3	IS 3025 (part 23)
153	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Total Dissolved solids	IS 3025 (part 16)
154	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Total Iron	IS 3025 (PART 53)
155	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Total Phosphate	IS 3025 (part 31)
156	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water	Total Solids	IS 3025 (part 15)
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Turbidity	IS 3025 (part 10)
158	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	P-Alkalinity	IS 3025 Part 23
159	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Reactive Silica	IS 3025 (Part 35)
160	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Chromium Cr6+	IS 3025 (PART-52)
161	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	conductivity @25'c.	IS 3025 (Part-14)
162	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Total Iron as Fe	IS 3025 (part 53)
163	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Acidity as CaCO3	IS 3025 (Part 22)
164	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Alkalinity as CaCO3	IS 3025 (part 23)
165	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Ammoniacal-Nitrogen	IS 3025 (Part 34)
166	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Calcium as Ca	IS 3025 (part 40)

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167	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Chloride as Cl	Is 3025 (Part 32)
168	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Colour	IS 3025 (Part 4)
169	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Dissolved oxygen	IS 3025 (Part 38)
170	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Dissolved Phosphate as PO4	IS 3025 (part 31)
171	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Fluoride	APHA 4500F- D/ IS 3025 (part 60)
172	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Inorganic solids	IS 3025 (part 18)
173	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Magnesium as Mg	Is 3025 (Part 46)
174	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	M-Alkalinity as CaCO3	IS 3025 (part 23)
175	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Nitrite as NO2	IS 3025 (Part 34)
176	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Odour	IS 3025 (PART-5)
177	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Oil & Grease	IS 3025(Part 39)
178	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	pH	IS 3025 (Part-11)
179	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Phenoilc Compounds as C6H5OH	IS 3025(Part 43)
180	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Residual chlorine as Cl	IS 3025(part 26)

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181	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Sulphate as SO4	IS 3025 (Part 24)
182	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	SUSPENDED SOLIDS	IS 3025 part 17
183	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Total Dissolved Solids	IS 3025(Part 16)
184	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Total Hardness as CaCO3	IS 3025 (Part 21)
185	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Total phosphate	IS 3025 part 31
186	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Total Silica as SiO2	IS 3025(part 35)
187	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Total Solids	IS 3025 (part 15)
188	CHEMICAL- WATER	Surface water, Ground water, Drinking Water, Packaged Drinking water, Industrial water, Irrigation water & Purifier water	Turbidity	IS 3025 (part 10)
189	CHEMICAL- WATER	Surface water,Ground water,Drinking Water,Packaged Drinking water,Industrial water,Irrigation water & Purifier water	Nitrate as NO3	IS 3025 (PART 34)
190	CHEMICAL- WATER	Water for construction purpose	Acidity as CaCO3	IS 3025 (Part 22) :
191	CHEMICAL- WATER	Water for construction purpose	Alkalinity as CaCO3	IS 3025 (part 23) :
192	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (part 32)
193	CHEMICAL- WATER	Water for construction purpose	INORGANIC Solids	IS 3025 part 18
194	CHEMICAL- WATER	Water for construction purpose	ORGANIC Solids	IS 3025 part 18
195	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 part 11
196	CHEMICAL- WATER	Water for construction purpose	SULPHATE	IS 3025 (part 24)
197	CHEMICAL- WATER	Water for construction purpose	SUSPENDED SOLIDS	IS 3025 (Part 17)
198	CHEMICAL- WATER	Water for Swimming Pool	Aluminium	IS 3025 part 55
199	CHEMICAL- WATER	Water for Swimming Pool	Chloride	IS 3025(part 32)
200	CHEMICAL- WATER	Water for Swimming Pool	colour	IS 3025 (part 4)

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201	CHEMICAL- WATER	Water for Swimming Pool	odour	IS 3025 (part 5)
202	CHEMICAL- WATER	Water for Swimming Pool	Oxygen absorbed in 4 hrs	IS 3025 part 63
203	CHEMICAL- WATER	Water for Swimming Pool	pH	IS 3025 part 11
204	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	IS 3025 (part 23)
205	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	IS 3025 (part 16)
206	CHEMICAL- WATER	Water for Swimming Pool	Total Residual chlorine as Cl	IS 3025 (part 26)
207	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	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.