



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 1 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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 Testing				
1	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Animal Food & Feed : Pet Food	Salmonella	IS 5887 (Part 3)
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Animal Food & Feed :Pet Food	Staphylococcus aureus	IS 5887 (Part 2)
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Animal Food & Feed :Pet Food	Total Plate Count	IS 5402
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Animal Food & Feed :Pet Food	Yeast & Mould	IS 5403
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Animal Food & Feed: Pet Food	E coli	IS 5887 (Part 1)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	E. coli.	IS 5887 (Part 1)
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella	IS 5887 (Part 3)
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Staphylococcus aureus	IS 5887 (Part 2)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & confectionery Products	Total Plate count	IS 5402
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & confectionery Products	Yeast & Mould	IS 5403
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Staphylococcus aureus	IS 5887 (Part 2)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals,Pulses & Cereal Products	Total Plate count	IS 5402
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals,Pulses & Cereal Products	E coli	IS 5887 (Part 1)
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals,Pulses & Cereal Products	Salmonella	IS 5887 (Part 3)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108

Validity 30/12/2024 to 29/12/2028

Page No 2 of 17

Last Amended on 10/01/2025

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
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals,Pulses & Cereal Products	Yeast & Mould	IS 5403
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	E coli	IS 5887 (Part 1)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	Salmonella	IS 5887 (Part 3)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	Staphylococcus aureus	IS 5887 (Part 2)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	Total Plate count	IS 5402
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	Yeast & Mould	IS 5403
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & condiments	Salmonella	IS 5887 (Part 3)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, spices & condiments	Yeast & Mould	IS 5403
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs,spices & condiments	E coli	IS 5887 (Part 1)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs,Spices & Condiments	Staphylococcus aureus	IS 5887 (Part 2)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs,Spices & condiments	Total Plate count	IS 5402
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	E coli	IS 5887 (Part 1)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	IS 5887 (Part 3)
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus	IS 5887 (Part 2)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108

Validity 30/12/2024 to 29/12/2028

Page No 3 of 17

Last Amended on 10/01/2025

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
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Total Plate count	IS 5402
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast & Mould	IS 5403
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	E coli	IS 5887 (Part 1)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Salmonella	IS 5887 (Part 3)
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Staphylococcus Aureus	IS 5887 (Part 2)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Total Plate count	IS 5402
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Yeast & Mould	IS 5403
36	BIOLOGICAL- WATER	Drinking water	E coli	IS 15185
37	BIOLOGICAL- WATER	Drinking Water	Total coliform	IS 15185
38	BIOLOGICAL- WATER	Packaged Drinking Water	E coli (Thermotolerant Bacteria)	IS 15185
39	BIOLOGICAL- WATER	Packaged Drinking Water	Faecal streptococci	IS 15186
40	BIOLOGICAL- WATER	Packaged Drinking Water	Pseudomonas Aeruginosa	Annexure D of IS 13428
41	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella	IS 15178
42	BIOLOGICAL- WATER	Packaged Drinking Water	Shigella	IS 5887 (Part 7)
43	BIOLOGICAL- WATER	Packaged Drinking Water	Staphylococcus aureus	IS 5887 (Part 2)
44	BIOLOGICAL- WATER	Packaged Drinking Water	Sulphite reducing Anaerobes	Annexure C of IS 13428
45	BIOLOGICAL- WATER	Packaged Drinking Water	Total Coliform	IS 15185
46	BIOLOGICAL- WATER	Water	E.coli (Thermotolerant Bacteria)	IS 1622
47	BIOLOGICAL- WATER	Water	Total coliform	IS 1622
48	BIOLOGICAL- WATER	Water/ Waste Water	Fecal coliform	IS 1622
49	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182 (Part 25)
50	CHEMICAL- ATMOSPHERIC POLLUTION	ambient air	Arsenic	EPA/625/R-96/010a

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 4 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
51	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	IS 5182 (Part 9)
52	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air quality monitoring	Lead	IS 5182 (Part 22)
53	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Nickel	IS 5182 (Part 26)
54	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	NO2	IS 5182 (Part 6)
55	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Particulate Matter 10	IS 5182 (Part 23)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Particulate Matter 2.5	IS 5182 (Part 24)
57	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	SO2	IS 5182 (Part 2)
58	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Equivalent sound level in dB (A)	IS 9989
59	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen	IS 11255 (Part 7)
60	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur dioxide	IS 11255 (Part 2)
61	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Total Particulate Matter	IS 11255 (Part 1)
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Animal Feed	Calcium as Ca	IS 7874 (Part 2 Cl 5)
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Animal Feed	Crude Fat	IS 7874 (Part 1 Cl. 7)
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Animal Feed	Crude Fibre	IS 7874 (Part 1 Cl. 8)
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Animal Feed	Crude Protein	IS 7874 (Part 1 Cl. 5)
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Animal Feed	Moisture	IS 7874 (Part 1 Cl. 4)
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Animal Feed	Salt as NaCl	IS 7874 (Part 2 Cl. 4)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108

Validity 30/12/2024 to 29/12/2028

Page No 5 of 17

Last Amended on 10/01/2025

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
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Animal Feed	Total Ash	IS 7874 (Part 1 Cl. 9)
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Animal Feed	Total Phosphorous as P	IS 7874 (Part 2 Cl. 6)
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Ash	FSSAI-Manual of Methods of Analysis of Foods-Metals Page No. 32
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Crude Fibre	FSSAI-Manual of Methods of Analysis of Foods-Metals Page No. 50
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture	FSSAI-Manual of Methods of Analysis of Foods-Metals Page No. 22
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Protein	IS 7219
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Ash	IS 12711 clause 6
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Crude Fibre	IS 12711 clause 13
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Fat	IS 12711 Cl. 10
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Moisture	IS 12711 Cl. 5
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Protein	IS 7219
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Breakfast Food	Carbohydrates	Annex C of IS 1656
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Breakfast food	Crude Fibre	IS 10226 (Part 1)
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Breakfast Food	Fat	Appendix F of IS 4684



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108

Validity 30/12/2024 to 29/12/2028

Page No 6 of 17

Last Amended on 10/01/2025

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
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Breakfast food	Moisture	IS 11623
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Breakfast food	Total Protein	IS 7219
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Ammonium compound)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 22
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Anionic detergent)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 41
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Boric Acid/Borates)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 49
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Cellulose)	FSSAI-Manual of Methods of Analysis of Foods-Milk & Milk Products Page No. 10
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Formaline)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 43
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Hydrogen Peroxide)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 46
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Hypochlorite & Chloramine)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 36
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Neutralizer)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 35



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 7 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Nitrate)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 33
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Skimmed milk powder)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 61
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Sodium chloride)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 28
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrant (Starch)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 13
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Adultrants (Added Urea)	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 16
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Non-alcoholic (Carbonated water and drinks)	Copper	FSSAI-Manual of Methods of Analysis of Foods-Metals Page No.10
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Non-alcoholic (Carbonated water and drinks)	Iron	FSSAI-Manual of Methods of Analysis of Foods-Metals Page No.10
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Non-alcoholic (carbonated water and drinks)	Lead	FSSAI-Manual of Methods of Analysis of Foods-Metals Page No.10
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Non-alcoholic (carbonated water and drinks)	Total Sugars at 20 Degree Celsius	IS 2346 Cl. 4
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat (Instant Mixes)	Carbohydrates	Annex C of IS 1656
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat (Instant mixes)	Copper	FSSAI-Manual of Methods of Analysis of Foods-Metals Page No.10
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food	Iron	FSSAI-Manual of Methods of Analysis of Foods-Metals Page No.10

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 8 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food	Total Ash	Appendix B of IS 1155
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food	Total Protein	IS 7219
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food (Instant Mixes)	Crude Fibre	Appendix E of IS 1155
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food (Instant Mixes)	Fat	Appendix F IS 4684
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food (Instant mixes)	Moisture @130 degree celsius	Appendix A of IS :1155
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Ash	IS 1165,Annexure A
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Fat	IS 1224 (Part 2)
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Moisture	FSSAI-Manual of Methods of Analysis of Foods-Dairy & Dairy Products Page No. 156
112	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Electrical Conductivity	IS 16556, Annex D
113	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Moisture	IS 16556, Annex B
114	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	pH	IS 16556, Annex C
115	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Total nitrogen (as N), percent by mass of total dry mass	IS 16556, Annex F
116	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Total organic carbon	IS 16556, Annex E
117	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Total phosphorus (as P2O5), percent by mass of total dry mass	IS 16556, Annex G
118	CHEMICAL- POLLUTION & ENVIRONMENT	Compost	Total potassium (as K2O), percent by mass of total dry mass	IS 16556, Annex H
119	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Magnesium	APHA 3500 Mg B part 3000.27424th ED



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 9 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
120	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Total Hardness	APHA 2340 C, Part 2000.124, 24th ED
121	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/sewage	Boron	APHA 4500 B-B Part 4000.328-329 24th ED
122	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/sewage	Cyanide	APHA 4500 CN- E Part 4000 372-373 24th ED
123	CHEMICAL- POLLUTION & ENVIRONMENT	ETP /STP sludge	Copper	USEPA 3050 B 6010 C
124	CHEMICAL- POLLUTION & ENVIRONMENT	etp/stp sludge	Electrical Conductivity	IS 14767
125	CHEMICAL- POLLUTION & ENVIRONMENT	ETP/STP sludge	Iron	USEPA 3050 B 6010 C
126	CHEMICAL- POLLUTION & ENVIRONMENT	ETP/STP sludge	Lead	USEPA 3050 B 6010 C
127	CHEMICAL- POLLUTION & ENVIRONMENT	ETP/STP Sludge	Moisture	IS 9235
128	CHEMICAL- POLLUTION & ENVIRONMENT	ETP/STP sludge	Nickel	USEPA 3050 B 6010 C
129	CHEMICAL- POLLUTION & ENVIRONMENT	ETP/STP sludge	pH	USEPA/SW-846/9045 D
130	CHEMICAL- POLLUTION & ENVIRONMENT	ETP/STP sludge	sulphate	USEPA/SW-846/9038
131	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent /Sewage Water /Waste water	Silica	APHA 4500 SiO ₂ C Part 4000.498-499 24th ED.
132	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Ammonical Nitrogen as NH ₃	APHA 4500 NH ₃ F, Part 4000. 429-430 24th ED
133	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste Water, Sewage Water	Anionic Detergents	APHA 5540 C, Part 5000, 585-587, 24th ED
134	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Biochemical Oxygen Demand (BOD) 3 days at 27 degree C	IS 3025 (Part 44), Rev 1
135	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Cadmium as Cd	APHA 3111B, Part 3000.205-206 24th ED
136	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Chemical Oxygen Demand (COD)	APHA 5220 C, Part 5000.546, 24th ED
137	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Chloride as Cl	APHA 4500 Cl B, part4000.340-341 24th ED
138	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Chromium Hexavalent as cr ⁶⁺	APHA 3500 Cr B, Part 3000.256-257 24th ED
139	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Copper as Cu	APHA 3111B, Part 3000.205-206 24th ED



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 10 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
140	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste Water, Sewage Water	Cyanide	IS 3025 (Part 27)
141	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Dissolved Oxygen	IS 3025 (Part 38)
142	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Fluoride as F	APHA 4500 F-Part 4000.400-401 24th ED
143	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Iron as Fe	APHA 3111B, Part 3000.205-206 24th ED
144	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Lead as Pb	APHA 3111B, Part 3000.205-206 24th ED
145	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Manganese as Mn	APHA 3111B, Part 3000.205-206 24th ED
146	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste Water, Sewage Water	Mercury	APHA 3112 B, Part 3000, 210, 24th ED
147	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Nickel as Ni	APHA 3111B, Part 3000.205-206 24th ED
148	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Nitrate as NO3	APHA 4500 NO3- B Part 4000.434-435, 24th ED
149	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Nitrite as NO2	IS 3025 (Part 34)
150	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Oil & Grease	APHA 5520 B Part 5000.572-573 24th ED
151	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	pH	APHA 4500 H+,A, Part 4000.473 24th ED
152	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste Water, Sewage Water	Phenol	IS 3025 (Part 43)
153	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Phosphate as PO4	APHA 4500 P-C, Part 4000.484, 24th ED
154	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Potassium as K	APHA 3111B, Part 3000.205-206 24th ED
155	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste Water, Sewage Water	Residual Chlorine	IS 3025 (Part 26)
156	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Sodium as Na	APHA 3111B, Part 3000.205-206 24th ED
157	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste Water, Sewage Water	Sulfide	APHA 4500 S2- F, Part 4000, 514, 24th ED
158	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Sulphate as SO4	APHA 4500 -E SO4, Part 4000.505-506 24th ED
159	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Total Chromium as Cr	APHA 3111B, Part 3000.205-206, 24th ED



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 11 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
160	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Total Dissolved Solids	APHA 2540 C, Part 2000.145 24th ED
161	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Total Solids	APHA 2540 B, Part 2000.144, 24th ED
162	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Total suspended Solids	APHA 2540 D, Part 2000.146 24th ED
163	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent, Waste water, Sewage water	Zinc as Zn	APHA 3111B, Part 3000.205-206 24th ED
164	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Boron	Manual of soil testing in India, Department of Agriculture and cooperation ministry of agriculture Gov
165	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Calcium as Ca	EME/LAB/SOP/SOIL/Ca/ Issue date 01.01.2024
166	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen	Manual of soil testing in India department of agriculture & cooperation ministry of agriculture Gov of India
167	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorous	Laboratory Methods for Analysis of Soils Irrigation Water and Plants, Page No. 87-89
168	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	Manual of soil testing in India department of agriculture & cooperation ministry of agriculture Gov of India
169	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available sulphur	Laboratory methods for analysis of soils irrigation water and plants
170	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium carbonate	IS 2720 (Part 26)
171	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Copper	Manual of soil testing in India department of agriculture & cooperation ministry of agriculture Gov of India(DTPA extraction followed by AAS)
172	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	IS 14767
173	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Magnesium as Mg	EME/LAB/SOP/SOIL/Mg Issue date 01.01.2024



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 12 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
174	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Iron	Manual of soil testing in India department of agriculture & cooperation ministry of agriculture Gov of India (DTPA extraction followed by AAS)
175	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Manganese	Manual of soil testing in India department of agriculture & cooperation ministry of agriculture Gov of India (DTPA extraction followed by AAS)
176	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	IS 2720 (Part 2)
177	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part 22)
178	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22)
179	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26)
180	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Nitrogen in Ammonical form	IS 14684 CI 3.3
181	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Soluble Chloride	EME/LAB/SOP/SOIL/CI Issue date 01.01.2024
182	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total soluble sulphate	IS 2720 (Part 27)
183	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	EME/LAB/SOP/SOIL/WHC Issue date 01.01.2024
184	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc	Manual of soil testing in India department of agriculture & cooperation ministry of agriculture Gov of India(DTPA extraction followed by AAS)
185	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Calcium	APHA 3500 Ca B, Part 3000 254-255 24th ED
186	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chemical Oxygen Demand	IS 3025 (Part 58)
187	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluent/Sewage)	Arsenic	APHA 3114 C, Part 3000 224-225 24th ED
188	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Arsenic	APHA 3114 C, Part 3000, 224-225, 24th Ed
189	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Cadmium as Cd	APHA 3111B, Part 3000.205-206 24th ED (AAS)
190	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Copper as Cu	APHA 3111B, Part 3000.205-206 24th ED (AAS)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 13 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
191	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Hexavalent Chromium	APHA 3500 Cr B, Part 3000.256-257 24th ED
192	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Iron as Fe	APHA 3111B, Part 3000.205-206 24th ED (AAS)
193	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Lead as Pb	APHA 3111B, Part 3000.205-206 24th ED. (AAS)
194	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Manganese as Mn	APHA 3111B, Part 3000.205-206 24th ED. (AAS)
195	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Mercury	APHA 3112 B, Part 3000, 210, 24th ED
196	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Nickel as Ni	APHA 3111B, Part 3000.205-206 24th ED. (AAS)
197	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Potassium as K	APHA 3111B, Part 3000.205-206 24th ED. (AAS)
198	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Sodium as Na	APHA 3111B, Part 3000.205-206 24th ED. (AAS)
199	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Total Chromium as Cr	APHA 3111B, Part 3000.205-206 24th ED. (AAS)
200	CHEMICAL- RESIDUES IN WATER	Drinking water ,Ground Water,Surface Water, packaged drinking water ,water used in processed food industry	Zinc as Zn	APHA 3111B, Part 3000.205-206 24th ED. (AAS)
201	CHEMICAL- WATER	Drinking Water	Sulfide	APHA 4500 S2 F, Part 4000.514-515 24th ED
202	CHEMICAL- WATER	Drinking Water /Ground Water/Surface Water	Boron	APHA 4500 B-B, Part 4000.328-329, 24th ED
203	CHEMICAL- WATER	Drinking Water /Ground Water/Surface Water	Oil and Grease	APHA 5520 B Part 5000.572-573 24th ED
204	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Acidity as CaCO ₃	IS 3025 (Part 22 Rev.1)
205	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Ammonical Nitrogen as NH ₃	APHA 4500 NH ₃ F, Part 4000.429-430, 24th ED
206	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Anionic detergent	APHA 5540 C, Part 5000 585-587, 24th ED
207	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Biochemical Oxygen Demand (BOD) 3 days at 27 degree C	IS 3025 (Part 44 Rev.1)
208	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Calcium as Ca	APHA 3500 Ca B, Part 3000 254-255 24th ED
209	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Chemical Oxygen Demand	IS 3025 (Part 58)
210	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Chemical Oxygen Demand (COD)	APHA 5220 C, Part 5000.546, 24th ED
211	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Chloride as Cl	APHA 4500 Cl B, Part 4000.340-341 24th ED

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108

Validity 30/12/2024 to 29/12/2028

Page No 14 of 17

Last Amended on 10/01/2025

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
212	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Dissolved Oxygen	IS 3025 (Part 38)
213	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Electrical Conductivity	APHA 2510 B, Part 2000.134 24th ED
214	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Fluoride as F	APHA 4500 F, Part 4000.400-401, 24th ED
215	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Magnesium as Mg	APHA 3500 Mg B, Part 3000.274, 24th ED
216	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Nitrate as NO ₃	APHA 4500 NO ₃ - B, Part 4000.434-435, 24th ED
217	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Nitrite as NO ₂	IS 3025 (Part 34 Cl. 3, Rev.1)
218	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Phosphate as PO ₄	APHA 4500 P-C, Part 4000.484, 24th ED
219	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Silica as Si	APHA 4500 SiO ₂ C, Part 4000.498-499 24th ED
220	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Sulphate as SO ₄	APHA 4500 -E SO ₄ , Part 4000.505-506 24th ED
221	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Total Dissolved Solids	APHA 2540 C, Part 2000.145 24th ED
222	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Total Hardness as CaCO ₃	APHA 2340 C, Part 2000.124, 24th ED
223	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Total Solids	APHA 2540 B, Part 2000.144, 24th ED
224	CHEMICAL- WATER	Drinking water, Ground water, Surface water	Turbidity	IS 3025 (Part 10 Cl. 1)
225	CHEMICAL- WATER	Drinking Water,Ground Water,Surface Water	Total Alkalinity as CaCO ₃	APHA 2320 B, Part 2000.112, 24th ED
226	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Colour	APHA 2120 B, Part 2000, 82-83, 24th ED
227	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Colour	IS 3025 (Part 4 Rev.1)
228	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Cyanide	IS 3025 (Part 27)
229	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Odour	IS 3025 (Part 5 Rev. 1)
230	CHEMICAL- WATER	Drinking Water/Ground water/surface water	pH	APHA 4500 H+, A, Part 4000.473 24th ED
231	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Phenol	IS 3025 (Part 43)
232	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Residual chlorine	IS 3025 (Part 26)
233	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Taste	IS 3025 (Part 7 & 8 Rev. 1)
234	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Temperature	APHA 2550 B, Part 2000.149 24th ED



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 15 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
235	CHEMICAL- WATER	Drinking Water/Ground water/surface water	Total suspended solids	APHA 2540 D, Part 2000.146, 24th ED
236	CHEMICAL- WATER	Drinking water/ground water/surface water	Total suspended solids	IS 3025 (Part 17)
237	CHEMICAL- WATER	Industrial Water	Phenolic substance	IS 3025 (Part 43)
238	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity	APHA 2320 B, Part 2000 112, 24th ED
239	CHEMICAL- WATER	Packaged Drinking Water	Calcium	APHA 3500 Ca B, Part 3000 254-255, 24th ED
240	CHEMICAL- WATER	Packaged Drinking Water	Chloride	APHA 4500 cl B, Part 4000.340-341, 24th ED
241	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 (Part 4)
242	CHEMICAL- WATER	Packaged Drinking Water	Cyanide	IS 3025 (Part 27)
243	CHEMICAL- WATER	Packaged Drinking Water	Fluoride	APHA 4500 F, Part 4000 400-401, 24th ED
244	CHEMICAL- WATER	Packaged Drinking Water	Free Residual chlorine	IS 3025 (Part 26)
245	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	APHA 3500 Mg B, Part 3000 254-255 24th ED
246	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA 4500 NO3 B, Part 4000, 134-135, 24th ED
247	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	IS 3025 (Part 34)
248	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
249	CHEMICAL- WATER	Packaged Drinking Water	pH	APHA 4500 H+A, Part 4000.473 24th ED
250	CHEMICAL- WATER	Packaged Drinking Water	Phenolic compounds	IS 3025 (Part 43)
251	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	APHA 4500 SO4 E, Part 4000.505-506, 24th ED
252	CHEMICAL- WATER	Packaged Drinking Water	Sulphide	APHA 4500 S2 F Part 4000 514-515 24th ED
253	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025 (Part 7 & 8)
254	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	APHA 2540 C, Part 2000.144 24th Ed
255	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
256	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 (Part 22)
257	CHEMICAL- WATER	Water for construction purpose	Chloride	APHA 4500 cl B, Part 4000.340-341 24th ED
258	CHEMICAL- WATER	Water for construction purpose	pH	APHA 4500 H+A, Part 4000.473, 24th ED



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MITCON CONSULTANCY AND ENGINEERING SERVICES LTD
(ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE
COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5108 **Page No** 16 of 17

Validity 30/12/2024 to 29/12/2028 **Last Amended on** 10/01/2025

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
259	CHEMICAL- WATER	Water for construction purpose	Sulphate	APHA 4500 SO4 E, Part 4000.505-506 24th ED
260	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS 3025 (Part 17)
261	CHEMICAL- WATER	Water for Swimming Pool	Chloride	APHA 4500 cl- B, Part 4000 340-341, 24th ED
262	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 (Part 4)
263	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part 5)
264	CHEMICAL- WATER	Water for Swimming Pool	pH	APHA 4500 H+A, Part 4000.473 24th ED
265	CHEMICAL- WATER	Water for Swimming Pool	Residual chlorine	IS 3025 (Part 26)
266	CHEMICAL- WATER	Water for Swimming Pool	Taste	IS 3025 (Part 7 & 8)
267	CHEMICAL- WATER	Water for Swimming Pool	Total alkalinity	APHA 2320 B, Part 2000 112, 24th ED
268	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	APHA 2540 C, Part 2000.145 24th ED
269	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)
270	CHEMICAL- WATER	Water used in Processed Food Industry	Chloride	APHA 4500 cl B Part 4000.340-341 24th ED
271	CHEMICAL- WATER	Water used in Processed Food Industry	Colour	IS 3025 (Part 4)
272	CHEMICAL- WATER	Water used in Processed Food Industry	Fluoride	APHA 4500 F, Part 4000, 400-401 24th ED
273	CHEMICAL- WATER	Water used in Processed Food Industry	Magnesium	APHA 3500 Mg B Part 3000.274 24th ED
274	CHEMICAL- WATER	Water used in Processed Food Industry	Nitrate	APHA 4500 NO3 B, Part 4000, 434-435 24th ED
275	CHEMICAL- WATER	Water used in Processed Food Industry	Odour	IS 3025 (Part 12)
276	CHEMICAL- WATER	Water used in Processed Food Industry	pH	APHA 4500 H+A, Part 4000.473 24th ED
277	CHEMICAL- WATER	Water used in Processed Food Industry	Sulphate	APHA 4500 SO4 E, Part 4000. 505-506 24th ED
278	CHEMICAL- WATER	Water used in Processed Food Industry	Total Hardness	APHA 2340 C, Part 2000.124 24th ED
279	CHEMICAL- WATER	Water used in Processed Food Industry	Total Solids	APHA 2540 B, Part 2000.144 24th ED
280	CHEMICAL- WATER	Water used in Processed Food Industry	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

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	MITCON CONSULTANCY AND ENGINEERING SERVICES LTD (ENVIRONMENTAL LABORATORY), SURVEY NO 143, AGRICULTURE COLLEGE CAMPUS, NEXT TO DIC OFFICE, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5108	Page No	17 of 17
Validity	30/12/2024 to 29/12/2028	Last Amended on	10/01/2025

IS 13428.

