National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 1 of 39

Validity 05/04/2023 to 04/04/2025 **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- COSMETICS AND ESSENTIAL OILS	Cosmetics – Skin Creams	Enterobacterial Count	IS 14648
2	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics – Skin Creams	Pseudomonas aeruginosa	IS 14648
3	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics – Skin Creams	Staphylococcuss aureus	IS 14648
4	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics – Skin Creams	Total Fungal Count (Total Combined Yeast and Mould Count)	IS 14648
5	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics – Skin Creams	Total Viable Count (Total Aerobic Microbial Count)	IS 14648
6	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Dohs & Related Items (Playdoh / Creadoh / Vanilla Essence / White Oil)	Enterobacterial Count	IS 14648
7	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Dohs & Related Items (Playdoh / Creadoh / Vanilla Essence / White Oil)	Pseudomonas aeruginosa	IS 14648
8	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Dohs & Related Items (Playdoh / Creadoh / Vanilla Essence / White Oil)	Staphylococcuss aureus	IS 14648
9	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Dohs & Related Items (Playdoh / Creadoh / Vanilla Essence / White Oil)	Total Fungal Count (Total Combined Yeast and Mould Count)	IS 14648
10	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Dohs & Related Items (Playdoh / Creadoh / Vanilla Essence / White Oil)	Total Viable Count (Total Aerobic Microbial Count)	IS 14648
11	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Bio burden Estimation of Classified and Non-classified Area (Swabs)	Coliforms Count	ITG/SOP/MIC/31 Issue No. 03 Issue Date 20.09.2016 / ISO 18593
12	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Bio burden Estimation of Classified and Non-classified Area (Swabs)	Coliforms count	ITG/SOP/MIC/31 Issue no. 03 Issue date 20.09.2016 / ISO 18593
13	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Bio burden Estimation of Classified and Non-classified Area (Swabs)	Plate Count	ITG/SOP/MIC/31 Issue No. 03 Issue Date 20.09.2016 / ISO 18593
14	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Bioburden estimation of classified and non- classified area (Swabs)	Plate Count	ITG/SOP/MIC/31 Issue no. 03 Issue date 20.09.2016 / ISO 18593
15	BIOLOGICAL- ENVIRONMENT AND POLLUTION	STP Water	Faecal coliform MPN /100ml	IS 1622

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 2 of 39

Validity 05/04/2023 to 04/04/2025 **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
16	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Swabs	Detection of E.coli	ISO 18593
17	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Swabs	Detection of Yeast and Mould	ISO 18593
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Alcoholic / non alcoholic Beverages	Detection of Yeast and Moulds	IS 5403
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Animal Food & Feed	Coliforms Count	IS 7874 (Part 3)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Animal Food & Feed	Detection of Salmonella	IS 5887 (Part 3)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Detection of Salmonella	IS 5887 (Part 3)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	E. coli	IS 5887 (Part 1)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Staphylococcus aureus	IS 5887 (Part 2)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Yeast and Moulds Count	IS 5403
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	Coliforms Count	IS 5401 (Part 1)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	Detection of Salmonella	IS 5887 (Part 3)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	Detection of Shigella	IS 5887 (Part 7)
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	Detection of Vibrio cholerae	IS 5887 (Part 5)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	Detection of Vibrio parahaemolyticus	IS 5887 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 3 of 39

Validity 05/04/2023 to 04/04/2025 **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
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	E. coli Count	IS 5887 (Part 1)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food / ready to eat food	Pseudomonas aeruginosa	IS 14648
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	Standard Plate Count	IS 5402
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	Staphylococcus aureus Count	IS 5887 (Part 2)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food / Ready to Eat Food	Yeast and Moulds Count	IS 5403
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	Coliforms Count	IS 5401 (Part 1)
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	Detection of Salmonella	IS 5887 (Part 3)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	Detection of Shigella	IS 5887 (Part 7)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	Detection of Vibrio cholerae	IS 5887 (Part 5)
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	Detection of Vibrio parahaemolyticus	IS 5887 (Part 5)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	E. coli Count	IS 5887 (Part 1)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	Standard Plate Count	IS 5402
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	Staphylococcus aureus Count	IS 5887 (Part 2)
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish & Seafood	Yeast and Moulds Count	IS 5403

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 4 of 39

Validity 05/04/2023 to 04/04/2025 **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
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliforms Count	IS 5401 (Part 1)
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Detection of Listeria monocytogenes	IS 14988 (Part 1)
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Detection of Salmonella	IS 5887 (Part 3)
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Detection of Shigella	IS 5887 (Part 7)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Detection of Vibrio cholerae	IS 5887 (Part 5)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Detection of Vibrio parahaemolyticus	IS 5887 (Part 5)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Standard Plate Count	IS 5402
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Staphylococcus aureus Count	IS 5887 (Part 2)
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Yeast and Moulds Count	IS 5403
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat and meat products	Detection of E. coli	IS 5887 (Part 1)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliforms count	IS 5401(Part 1)
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Detection of Pseudomonas aeruginosa	IS 14648
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Detection of Salmonella	IS 5887 (Part 3)
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	E. coli count	IS 5887 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 5 of 39

Validity 05/04/2023 to 04/04/2025 **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
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Listeria monocytogenes	IS 14988 (Part 1)
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Standard Plate Count	IS 5402
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus count	IS 5887 (Part 2)
61	BIOLOGICAL- WATER	Cooling tower water, Air conditioning water	Legionella	ISO 11731
62	BIOLOGICAL- WATER	Domestic and Potable Water / Drinking Water	Enumeration of Faecal streptococci (MPN Technique)	IS 1622
63	BIOLOGICAL- WATER	Domestic and Potable Water / Drinking Water	Coliform (MPN Technique)	IS 1622
64	BIOLOGICAL- WATER	Domestic and Potable Water / Drinking Water	Detection of E. coli	IS 15185 / IS 1622
65	BIOLOGICAL- WATER	Domestic and Potable Water / Drinking Water	Detection of Staphylococcus aureus	IS 5887 (Part 2)
66	BIOLOGICAL- WATER	Domestic and Potable Water / Drinking Water	Standard Plate Count	IS 1622
67	BIOLOGICAL- WATER	Ground and Surface Waters (Raw Water)	Coliform (MPN Technique)	IS 1622
68	BIOLOGICAL- WATER	Ground and Surface Waters (Raw Water)	Detection of E.coli	IS 1622
69	BIOLOGICAL- WATER	Ground and Surface Waters (Raw Water)	Detection of Staphylococcus aureus	IS 5887 (Part 2)
70	BIOLOGICAL- WATER	Ground and Surface Waters (Raw Water)	Enumeration of Faecal streptococci (MPN Technique)	IS 1622
71	BIOLOGICAL- WATER	Ground and Surface Waters (Raw Water)	Standard Plate Count	IS 1622
72	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform	IS 15185
73	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of E.coli	IS 15185
74	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of Faecal streptococci	IS 5887 (Part 2)
75	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of Pseudomonas aeruginosa	IS 13428 Annexure D
76	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of Salmonella	IS 5887 (Part 3)
77	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of Shigella	IS 5887 (Part 7)
78	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of Staphylococcus aureus	IS 5887 (Part 2)
79	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of Vibrio cholerae	IS 5887 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 6 of 39

Validity 05/04/2023 to 04/04/2025 **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
80	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of Vibrio parahaemolyticus	IS 5887 (Part 5)
81	BIOLOGICAL- WATER	Packaged Drinking Water	Detection of Yeast and Moulds	IS 5403
82	BIOLOGICAL- WATER	Packaged Drinking Water	Standard Plate Count at 20°C to 22°C	IS 5402
83	BIOLOGICAL- WATER	Packaged Drinking Water	Standard Plate Count at 37°C,	IS 5402
84	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliform	IS 15185
85	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of E.coli	IS 15185
86	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of Faecal streptococci	IS 5887 (Part 2)
87	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of Pseudomonas aeruginosa	IS 13428 Annexure D
88	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of Salmonella	IS 5887 (Part 3)
89	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of Shigella	IS 5887 (Part 7)
90	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of Staphylococcus aureus	IS 5887 (Part 2)
91	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of Vibrio cholerae	IS 5887 (Part 5)
92	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of Vibrio parahaemolyticus	IS 5887 (Part 5)
93	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Detection of Yeast and Moulds	IS 5403
94	BIOLOGICAL- WATER	Raw water	Faecal Coliform MPN/100ml	IS 1622
95	BIOLOGICAL- WATER	Swimmimg pool and spa water	Legionella	ISO 11731
96	BIOLOGICAL- WATER	Swimming Pool	Coliform (MPN Technique)	IS 1622
97	BIOLOGICAL- WATER	Swimming Pool	Detection of E.coli	IS 1622
98	BIOLOGICAL- WATER	Swimming Pool	Standard Plate Count	IS 3328; Annexure A
99	BIOLOGICAL- WATER	Treated Water	' Detection of E. coli	IS 15185 / IS 1622
100	BIOLOGICAL- WATER	Treated Water	Coliform (MPN Technique)	IS 1622
101	BIOLOGICAL- WATER	Treated Water	Detection of Staphylococcus aureus	IS 5887 (Part 2)
102	BIOLOGICAL- WATER	Treated Water	Enumeration of Faecal streptococci (MPN Technique)	IS 1622
103	BIOLOGICAL- WATER	Treated Water	Standard Plate Count	IS 1622
104	BIOLOGICAL- WATER	Water for Processed Food Industry	Coliform (MPN Technique)	IS 1622
105	BIOLOGICAL- WATER	Water for Processed Food Industry	Standard plate count	IS 4251

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8070
Page No	7 of 39
Validity	05/04/2023 to 04/04/2025
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
106	BIOLOGICAL- WATER	Water used for fish farming / fish breeding	Detection of Vibrio cholera	IS 5887 (Part 5)
107	BIOLOGICAL- WATER	Water used for fish farming / fish breeding	Detection of Vibrio parahaemolyticus	IS 5887 (Part 5)
108	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead as Pb	IS 5182 (Part 22)
109	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 Part 9
110	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	P.M 2.5	IS 5182 (Part 24)
111	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182 (Part 25)
112	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	IS 5182 (Part 26)
113	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Oxides	5182 (part6)
114	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Particulate Matter/PM10	IS 5182(Part 23)
115	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	5182 (part2)
116	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level	IS 9989
117	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Monitoring	Ambient Temperature	LAB SOP No.: ITG/SOP/AA/010
118	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Monitoring	Rainfall	LAB SOP No.: ITG/SOP/AA/010
119	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Monitoring	Relative Humidity	LAB SOP No.: ITG/SOP/AA/010
120	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Monitoring	Wind Direction	LAB SOP No.: ITG/SOP/AA/010
121	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Monitoring	Wind Speed	LAB SOP No.: ITG/SOP/AA/010
122	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise	Noise Level	IS 4758
123	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / Stationary Source Monitoring	Ammonia	IS 11255 (Part 6)
124	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / Stationary Source Monitoring	Moisture	IS 11255 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	8 of 39
Validity	05/04/2023 to 04/04/2025	**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
125	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / Stationary Source Monitoring	Nitrogen Oxides	IS 11255 (Part 7)
126	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / Stationary Source Monitoring	Particulate matter	IS 11255 (Part 1)
127	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / Stationary Source Monitoring	Sulphur dioxide	S 11255 (Part 2)
128	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / Stationary Source Monitoring	Temperature	IS 11255 (Part 3)
129	CHEMICAL- ATMOSPHERIC POLLUTION	Stack / Stationary Source Monitoring	Velocity	IS 11255 (Part 3)
130	CHEMICAL- FERTILIZERS	Fertilizers Manure/ Compost	Moisture	The Fertilizer Control Order,1985 schedule IV, (Part D), S.no.2
131	CHEMICAL- FERTILIZERS	Fertilizers Manure/ Compost	Nitrogen	IS 6092(Part 2)
132	CHEMICAL- FERTILIZERS	Fertilizers Manure/ Compost	pH	The Fertilizer Control Order,1985 schedule IV, (Part D) S.no. 01
133	CHEMICAL- FERTILIZERS	Fertilizers Manure/ Compost	Phosphorous	IS 6092(Part 3)
134	CHEMICAL- FERTILIZERS	Fertilizers Manure/ Compost	Potassium	The Fertilizer Control Order,1985 schedule IV, (Part D) S.no.09
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Acid Insoluble Ash	IS 1164
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Alkalinity of Total Ash	IS 1164
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Carbohydrate	Lab SOP No. ITG/SOP/CHM/COP/08 Issue No. 01 Dated 11/06/2018 Calculation Method
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Cocoa Butter	IS 1164
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Crude Fibre	IS 1164

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 9 of 39

Validity 05/04/2023 to 04/04/2025 **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
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Energy	Lab SOP No. ITG/SOP/CHM/COP/09 Issue No. 01 Dated 11/06/2018 Calculation Method
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Fat	IS 1164
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Moisture	IS 1164
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Protein	IS 7219
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	A. Cocoa Powder	Total Ash	IS 1164
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	Furfural	IS 3752
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	Higher Alcohols as amyl alcohol	IS 3752
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	pH	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Ethyl Alcohol	IS 3752
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Fixed Acidity	IS 3752
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Methanol	IS 3752
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Residue on Evaporation	IS 3752
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Total Ash	IS 3752

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 10 of 39

Validity 05/04/2023 to 04/04/2025 **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
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Aldehyde as acetaldehyde	IS 3752
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Esters as ethyl acetate	IS 3752
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Total Acidity as tartaric acid	IS 3752
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Volatile acidity as acetic acid	IS 3752
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic Drinks & Beverages (Alcoholic / Non Alcoholic) (Whisky, Gin, Vodka & Rum Analysis)	Copper as Cu	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Carbohydrate	Lab SOP No. ITG/SOP/CHM/COB/10 Issue No. 01 Dated 02/07/2018 Calculation Method
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Energy	Lab SOP No. ITG/SOP/CHM/COB/11 Issue No. 01 Dated 02/07/2018 Calculation Method
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Fat	Lab SOP No. ITG/SOP/CHM/COB/09 Issue No. 01 Dated 02/07/2018 Calculation Method
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Free fatty acid	IS 1263
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Iodine Value	IS 1263
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Protein	Lab SOP No. ITG/SOP/CHM/COB/11 Issue No. 01 Dated 02/07/2018 Calculation Method
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Refractive Index	IS 1263

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	11 of 39
Validity	05/04/2023 to 04/04/2025	**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
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Saponification Value	IS 1263
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	B. Cocoa Butter	Unsaponifiable Matter	IS 1263
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectioneries	Acidity	IS 12711
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectioneries	Alcoholic acidity	IS 12711
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectioneries	Ash Insoluble in dil HCl	IS 12711
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectioneries	Carbohydrate	Lab SOP No. ITG/SOP/CHM/BAK/08 Issue No. 01 Dated 21/06/2018 Calculation Method
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectioneries	Energy	Lab SOP No. ITG/SOP/CHM/BAK/09 Issue No. 01 Dated 21/06/2018 Calculation Method
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectioneries	Fat	IS 12711
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery & Confectioneries	Protein	IS 7219
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereals Products	Acid Insoluble Ash	IS 1155
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereals Products	Alcoholic acidity	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022, Sr. No. 4.8.5
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereals Products	Moisture	IS 1155
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereals Products	Protein	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022, Sr. No.4.8.7

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	12 of 39
Validity	05/04/2023 to 04/04/2025	**Last Amended on**	-

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178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereals Products	Total ash	IS 1155
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats (Fats/Oils& Fat emulsion/Milk Fat/Table Butter/ Margarin)	Acid value	IS 548 (Part 1 /Sec 2)
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats (Fats/Oils& Fat emulsion/Milk Fat/Table Butter/ Margarin)	Free Fatty Acid	IS 548 (Part 1/Sec 2)
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats (Fats/Oils& Fat emulsion/Milk Fat/Table Butter/ Margarin)	Iodine Value	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats (Fats/Oils& Fat emulsion/Milk Fat/Table Butter/ Margarin)	Moisture	IS 548 (Part 1/Sec 2)
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats (Fats/Oils& Fat emulsion/Milk Fat/Table Butter/ Margarin)	Refractive Index	IS 548 (Part 1 /Sec 2)
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats (Fats/Oils& Fat emulsion/Milk Fat/Table Butter/ Margarin)	Salt	IS 12451
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats (Fats/Oils& Fat emulsion/Milk Fat/Table Butter/ Margarin)	Saponification value	IS 548 Part 1 /Sec 2
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats (Fats/Oils& Fat emulsion/Milk Fat/Table Butter/ Margarin)	Unsaponifiable matter	IS 548 (Part 1 /Sec 2)
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Total soluble solids	Manual of methods of analysis of Food (as per FSSAI)
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, spices & Condiments	Ash Insoluble in dil HCl on dry basis	IS 1797
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, spices & Condiments	Total Ash on Dry basis	IS 1797
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs, spices & Condiments	Water Insoluble	IS 1797
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Acidity as acetic acid	Manual of methods of analysis of Food (as per FSSAI)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 13 of 39

Validity 05/04/2023 to 04/04/2025 **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
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Total soluble solids (salt free basis)	Manual of methods of analysis of Food (FSSAI)
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat & Meat Products	Carbohydrate	Lab SOP No. ITG/SOP/CHM/MEAT/05 Issue No. 01 Dated 25/05/2018 Calculation Method
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat & Meat Products	Energy	Lab SOP No. ITG/SOP/CHM/MEAT/06 Issue No. 01 Dated 25/05/2018 Calculation Method
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat & Meat Products	Protein	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022, Sr. No.10.2.2
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat & Meat Products	Total Fat	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022, Sr. No.10.2.1
197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Carbohydrate	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Energy	Lab SOP No. ITG/SOP/CHM/MP/07 Issue No. 01 Dated 18/06/2018
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Fat	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022, Sr. No.2.2
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Moisture	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Protein	IS 1479 P2
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Titrable Acidity as Lactic acid	IS 1162 :
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Total Ash on dry basis	IS 1162
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Ash	IS 1479 (Part -2):

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Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 14 of 39

Validity 05/04/2023 to 04/04/2025 **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
205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Boric acid	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Cane Sugar	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Carbohydrate	Lab SOP No. ITG/SOP/CHM/MILK/07 Issue No. 01 Dated 06/06/2018 Calculation Method
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Cellulose	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Crude Protein	IS 1479 (Part -2):
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Energy	Lab SOP No. ITG/SOP/CHM/MILK/08 Issue No. 01 Dated 06/06/2018 Calculation Method
211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Fat	IS 1479 (Part -2)
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Formalin	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Hydrogen peroxide	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Neutralisers	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Nitrates	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	pH	IS 1479 (Part -2)
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Sodium Chloride	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 15 of 39

Validity 05/04/2023 to 04/04/2025 **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
218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Solids Not Fat (SNF)	Lab SOP No. ITG/SOP/CHM/MILK/04 Issue No. 01 Dated 06/06/2018 Calculation Method
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Starch	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Total Solids	IS 1479 (Part -2)
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk (Liquid)	Urea	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Alkalinity of water soluble ash expressed as KOH	IS 13856
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Ash Insoluble in dil HCl on dry basis	IS 13857
224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Moisture	IS 13853
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Total Ash	IS 13854
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water Extract	IS 13862
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable & Vegetable Products	TSS	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
228	CHEMICAL- ORES & MINERALS	Bauxite Ore	Moisture	ISO 9033
229	CHEMICAL- ORES & MINERALS	Bauxite Ore	Alumina(Al2O3)	IS 2000 (Part 3)
230	CHEMICAL- ORES & MINERALS	Bauxite Ore	Ferric Oxide(Fe2O3)	IS 2000 (Part 4)
231	CHEMICAL- ORES & MINERALS	Bauxite Ore	Loss on Ignition	IS 2000 (Part 1)
232	CHEMICAL- ORES & MINERALS	Bauxite Ore	Silica(SiO2)	IS 2000 (Part 2)

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	16 of 39
Validity	05/04/2023 to 04/04/2025	**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
233	CHEMICAL- ORES & MINERALS	Bauxite Ore	Titanium Dioxide(TiO2)	IS 2000 (Part 5)
234	CHEMICAL- ORES & MINERALS	Bauxite Ores	Flow Moisture Point (Penetration test)	Code of safe Practice for solid bulk Cargoes IMSBC code Appendix 2
235	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina(Al2O3)	IS 1493 (Part 1)
236	CHEMICAL- ORES & MINERALS	Iron Ore	Calcium Oxide(CaO)	IBM manual Feb
237	CHEMICAL- ORES & MINERALS	Iron Ore	Iron as FeO	IBM manual Feb
238	CHEMICAL- ORES & MINERALS	Iron Ore	Loss on Ignition	IBM manual Feb
239	CHEMICAL- ORES & MINERALS	Iron Ore	Magnesium Oxide(MgO)	IBM manual Feb
240	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese (Mn)	IS 1493
241	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS 11690, IS 1493 (Part 1)
242	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorus (P)	IS 1493 (Part 1)
243	CHEMICAL- ORES & MINERALS	Iron Ore	Silica(SiO2)	IS 1493 (Part 1)
244	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur (S)	IS 1493
245	CHEMICAL- ORES & MINERALS	Iron Ore	Titanium Dioxide(TiO2)	IS 1493
246	CHEMICAL- ORES & MINERALS	Iron Ore	Total Iron as Fe	IS 1493 (Part 1)
247	CHEMICAL- ORES & MINERALS	Iron Ores	Critical Moisture Content (TML) (Modified Proctor / Fagerberg Test)	Code of safe Practice for solid bulk Cargoes IMSBC code Appendix 2
248	CHEMICAL- ORES & MINERALS	Iron ores	Flow Moisture Point (Penetration test)	Code of safe Practice for solid bulk Cargoes IMSBC code Appendix 2
249	CHEMICAL- ORES & MINERALS	Iron ores	Flow Moisture Point(Flow table test)	Code of safe Practice for solid bulk Cargoes IMSBC code Appendix 2

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 17 of 39

Validity 05/04/2023 to 04/04/2025 **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
250	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Alumina(Al2O3)	IS 1760 (Part 3)
251	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Calcium Oxide(CaO)	IS 1760 (Part 3)
252	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Ferric Oxide(Fe2O3)	IS 1760 (Part 3)
253	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Loss On Ignition	IS 1760 (Part 1)
254	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Magnesium Oxide(MgO)	IS 1760 (Part 3)
255	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Moisture	IS 2109
256	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Silica(SiO2)	IS 1760 (Part 2)
257	CHEMICAL- ORES & MINERALS	Manganese Ore	Alumina(Al2O3)	IS 1473
258	CHEMICAL- ORES & MINERALS	Manganese Ore	Iron (Fe)	IS 1473
259	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese (Mn)	IS 1473
260	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese Dioxide(MnO2)	IS 1473
261	CHEMICAL- ORES & MINERALS	Manganese Ore	Phosphorus (P)	IS 1473
262	CHEMICAL- ORES & MINERALS	Manganese Ore	Silica(SiO2)	IS 1473
263	CHEMICAL- ORES & MINERALS	Manganese Ore	Sulphur (S)	IS 1473
264	CHEMICAL- POLLUTION & ENVIRONMENT	Efflents	Cadmium	IS 3025 Part 41
265	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Lead	IS 3025 part 47
266	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents	Arsenic	IS 3025 part 37
267	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents	Copper	IS 3025 part 42
268	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents	Mercury	IS 3025 part 48

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	18 of 39
Validity	05/04/2023 to 04/04/2025	**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
269	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents	Nickel	IS 3025 Part 54
270	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents	Selenium	IS 3025 part 56
271	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents	Zinc	IS 3025 part 49
272	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents , sewage , waste water	Sodium	IS 3025 part 45
273	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents , sewage , wastewater	Potassium	IS 3025 part 45
274	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents , sewage ,waste water ,	Phenol	IS 3025 part 43
275	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	44 DDD	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
276	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	44 DDE	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
277	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	44 DDT	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
278	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Aldrin	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
279	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Alpha BHC	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
280	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Alpha endosulphan	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
281	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Beta BHC	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 19 of 39

Validity 05/04/2023 to 04/04/2025 **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
282	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Beta endosulphan	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
283	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Delta BHC	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
284	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Dieldrin	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
285	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Endosulphan sulphate	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
286	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Waste water	Gamma BHC	(SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
287	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Ammonical Nitrogen	IS 3025 (Part 34)
288	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
289	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Chemical Oxygen Demand (COD)	APHA (23rd Edition 2017) 5220 B
290	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Chloride	IS 3025 (Part 32)
291	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Chromium	IS 3025 (Part 52)
292	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Conductivity	IS 3025 (Part 14)
293	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
294	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Nitrogen (Total Kjeldhal Nitrogen)	IS 3025 (Part 34)
295	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Non-filterable residue (total suspended solids	IS 3025 (Part 17)
296	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Oil and grease	APHA (23rd Edition) 5520 O & GB: 2017

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	20 of 39
Validity	05/04/2023 to 04/04/2025	**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
297	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Oxygen Consumed in 4 Hrs.	IS 3025 (Part 63)
298	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	pH value	IS 3025 (Part 11)
299	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Potassium	IS 3025 (Part 45)
300	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Sodium	IS 3025 (Part 45)
301	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Sulphate	IS 3025 (Part 24)
302	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage/ Waste water	Total residue (total solids-dissolved and suspended)	IS 3025 (Part 15)
303	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Available Boron	LAB SOP No. ITG/SOP/SOIL/009 issue No. 02, dt. 13 June 2018 Soil testing manual, Ministry of Agriculture, Govt. of India, Jan 11
304	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Calcium	LAB SOP No. ITG/SOP/SOIL/022 issue No. 02 dt. 13 June 2018 Soil testing manual, Ministry of Agriculture, Govt of India, Jan 11
305	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Calcium Bicarbonate	LAB SOP No. ITG/SOP/SOIL/013 issue No. 02 dt. 13 June 2018.Indian Bureau of Mines method (Rev. Editn- Feb 2012)
306	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Calcium Carbonate	IS 2720(Part 23)
307	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Chlorides as Cl	LAB SOP No. ITG/SOP/SOIL/004 issue No. 02, dt. 12 June 2018. Indian Bureau of Mines Method (Argentometric Method) 2012
308	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Electrical Conductivity (EC)	IS 14767
309	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Nitrogen Available	LAB SOP No. ITG/SOP/SOIL/010 issue No. 02, dt. 13 June 2018 Soil testing manual, Ministry of Agriculture, Govt. of India, Jan 11

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 21 of 39

Validity 05/04/2023 to 04/04/2025 **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
310	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Organic Carbon/Matter	LAB SOP No. ITG/SOP/SOIL/011 issue No. 02, dt. 13 June 2018. Indian Bureau of Mines method (Rev. Editn- Feb 2012) Pg 264
311	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	pH	IS 2720 (Part 26)
312	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Phosphorus (available)	LAB SOP No. ITG/SOP/SOIL/014 issue No. 02 dt. 13 June 2018. Indian Bureau of Mines method (Rev. Editn- Feb 2012)
313	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Phosphorus (Total)	IS 10158
314	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Potash (available)	LAB SOP No. ITG/SOP/SOIL/017 issue No. 02, dt. 12 June 2018 Soil testing manual, Ministry of Agriculture, Govt. of India, Jan 11 Pg 99
315	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Potassium	IS 9497
316	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Sodium	IS 9497
317	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Soil Moisture	IS 2720 (Part 2)
318	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Total Nitrogen	IS 14684
319	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Total Soluble Solids	IS 2720 (Part 21)
320	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Total Soluble Sulphates	IS 2720 (Part 27)
321	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Water Holding Capacity	LAB SOP No. ITG/SOP/SOIL/006 issue No. 02, dt. 12 June 2018. Indian Bureau of Mines method (Rev. Editn- Feb 2012)
322	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Calorific Value	IS 1350 (Part 2)
323	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Heavy Metal Copper	LAB SOP No. ITG/SOP/SW/08 issue no. 01, dt. 03 May 2018 . Indian Bureau of Mines method (Rev. Editn- Feb 2012)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 22 of 39

Validity 05/04/2023 to 04/04/2025 **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
324	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Heavy Metal Manganese	LAB SOP No. ITG/SOP/SW/08 issue no. 01, dt. 03 May 2018 . Indian Bureau of Mines method (Rev. Editn- Feb 2012)
325	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Heavy Metal Nickel	LAB SOP No. ITG/SOP/SW/08 issue no. 01, dt. 03 May 2018 . Indian Bureau of Mines method (Rev. Editn- Feb 2012)
326	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Heavy Metal Zinc	LAB SOP No. ITG/SOP/SW/08 issue no. 01, dt. 03 May 2018 . Indian Bureau of Mines method (Rev. Editn- Feb 2012)
327	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Heavy Metals Lead	LAB SOP No. ITG/SOP/SW/09 issue no. 01, dt. 03 May 2018 . Indian Bureau of Mines method (Rev. Editn- Feb 2012)
328	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Kjeldahl Nitrogen	IS 10158
329	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Non Volatile Matter	IS 10158
330	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	pH	IS 10158
331	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Phosphorus	IS 10158
332	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Potassium	IS 10158
333	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Total Organic Carbon/Matter	LAB SOP No. ITG/SOP/SW/04 issue no. 01, dt. 03 May 2018 . The Fertilizer Control Order,1985 (20th Edition 2016) schedule IV, (Part D)
334	CHEMICAL- POLLUTION & ENVIRONMENT	Waste-Liquid/ Slurry/ Sludge / Solid/ Semi Solid	Volatile Matter	IS 10158
335	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Alcoholic drinks & Beverages (alcoholic / non alcoholic) whisky , gin , vodka and Rum	Cadmium	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
336	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Alcoholic drinks & Beverages (alcoholic / non alcoholic) whisky , gin , vodka and Rum	Copper	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
337	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Alcoholic drinks & Beverages (alcoholic / non alcoholic) whisky , gin , vodka and Rum	Lead	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	23 of 39
Validity	05/04/2023 to 04/04/2025	**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
338	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Alcoholic drinks & Beverages (alcoholic / non alcoholic) whisky , gin , vodka and Rum	Zinc	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
339	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Canned and tinned packaged and processed food	Cadmium	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
340	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Canned and tinned packaged and processed food	Copper	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
341	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Canned and tinned packaged and processed food	Lead	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
342	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Canned and tinned packaged and processed food	Zinc	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
343	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fruit and Fruit Products	Cadmium	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
344	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fruit and Fruit Products	Copper	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
345	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fruit and Fruit Products	Lead	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
346	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fruit and Fruit Products	Zinc	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
347	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Herbs spices and condiments	Cadmium	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
348	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Herbs spices and condiments	Copper	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
349	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Herbs spices and condiments	Lead	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
350	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Herbs spices and condiments	Zinc	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
351	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Meat And Meat Products	Cadmium	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 24 of 39

Validity 05/04/2023 to 04/04/2025 **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
352	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Meat And Meat Products	Copper	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
353	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Meat And Meat Products	Lead	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
354	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Meat And Meat Products	Zinc	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
355	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Milk (Liquid), Fruit & Fruit Products, Juices, Vegetable & Vegetable Products, Tea, Canned, Tinned Packaged & Processed Food, Herbs, spices & Condiments, Milk & Milk Products, Meat & Meat Products, Fish & Fish Products	Free Formaldehyde	ITG/SOP/FOOD/010 Issue 01 , Rev 01 Dt. 25/08/2018 (by TLC -Qualitative)
356	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Cadmium	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
357	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Copper	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
358	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Lead	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
359	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Zinc	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
360	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Vegetable and vegetable products	Cadmium	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
361	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Vegetable and vegetable products	Copper	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
362	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Vegetable and vegetable products	Lead	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
363	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Vegetable and vegetable products	Zinc	FSSAI Manual of methods of analysis of Foods 6th Edition, 2022
364	CHEMICAL- RESIDUES IN WATER	Boiler Water/ Feed Water/ Condensate Water	Copper	IS 3025 (Part 42)

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	25 of 39
Validity	05/04/2023 to 04/04/2025	**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
365	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	44 DDD	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
366	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	44 DDE	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
367	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	44 DDT	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
368	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Aldrin	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
369	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Alpha BHC	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
370	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Alpha endosulphan	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
371	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Beta BHC	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
372	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Delta BHC	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
373	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Dieldrin	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
374	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Endosulphan sulphate	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
375	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Gamma BHC	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	26 of 39
Validity	05/04/2023 to 04/04/2025	**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
376	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Beta endosulphan	SOP/NMN/WAT/062) Issue 01 Rev 00 Issue date 31.10.2016 Based on USEPA 508/ APHA (23rd Edition 2017)
377	CHEMICAL- RESIDUES IN WATER	Drinking water Potable and Domestic water , ground water , surface water , purified water , Packaged drinking water , water used in industry	Phenols	IS 3025 (Part 43)
378	CHEMICAL- RESIDUES IN WATER	Effluents , sewage , waste water	Phenol	IS 3025 Part 43
379	CHEMICAL- RESIDUES IN WATER	Industrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Arsenic	IS 3025(Part 37)
380	CHEMICAL- RESIDUES IN WATER	Industrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Cadmium	IS 3025(Part 41)
381	CHEMICAL- RESIDUES IN WATER	Industrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Nickel	IS 3025:Part 54
382	CHEMICAL- RESIDUES IN WATER	Industrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Copper	IS 3025(Part 42)
383	CHEMICAL- RESIDUES IN WATER	Industrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Lead	IS 3025(Part 47)
384	CHEMICAL- RESIDUES IN WATER	Industrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Mercury	IS 3025 Part 48 / APHA 23rd Edition 2017
385	CHEMICAL- RESIDUES IN WATER	Industrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Selenium	IS 3025 Part 56
386	CHEMICAL- RESIDUES IN WATER	Industrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Zinc	IS 3025(Part 49)
387	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Arsenic	IS 3025 (Part 37)
388	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Boron	IS 3025 (Part 57)
389	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Cadmium	IS 3025 (Part 41)

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	27 of 39
Validity	05/04/2023 to 04/04/2025	**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
390	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Cobalt	APHA (23rd Edition 2017) 3111B
391	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Copper	IS 3025 (Part 42)
392	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Lead	IS 3025 (Part 47)
393	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Mercury	IS 3025 (Part 48) / APHA (23rd Edition 2017)
394	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Nickel	IS 3025 (Part 54)
395	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Selenium	IS 3025 (Part 56)
396	CHEMICAL- RESIDUES IN WATER	Potable & Domestic Water/ Surface Water / Demineralised water / Reagent grade water / Distilled water/ Purified water/Ground Waters/Packaged Drinking Water	Zinc	IS 3025 (Part 49)
397	CHEMICAL- RESIDUES IN WATER	Potable , domestic , surface , demineralised , reagent grade , distilled , purified , ground, packaged and drinking water.ndustrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Aluminium	IS3025 part 55
398	CHEMICAL- RESIDUES IN WATER	Potable domestic surface demineralised reagent grade distilled purified ground packaged drinking water ndustrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Calcium	IS 3025 part 40
399	CHEMICAL- RESIDUES IN WATER	Potable domestic surface demineralised reagent grade distilled purified ground packaged drinking water ndustrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Iron	IS 3025 part 53
400	CHEMICAL- RESIDUES IN WATER	Potable domestic surface demineralised reagent grade distilled purified ground packaged drinking water ndustrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Magnesium	IS 3025 part 46

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	28 of 39
Validity	05/04/2023 to 04/04/2025	**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
401	CHEMICAL- RESIDUES IN WATER	Potable domestic surface demineralised reagent grade distilled purified ground packaged drinking water ndustrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Manganese	APHA 23rd edition
402	CHEMICAL- RESIDUES IN WATER	Potable domestic surface demineralised reagent grade distilled purified ground packaged drinking water ndustrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Potassium	IS 3025 part 43
403	CHEMICAL- RESIDUES IN WATER	Potable domestic surface demineralised reagent grade distilled purified ground packaged drinking water ndustrial Water/ Process water/ Irrigation water/ Feed water/ Boiler Water/ Chiller water / Condensate water/ Cooling Tower / Swimming Pool Water / Construction water	Sodium	IS 3025 part 45
404	CHEMICAL- SOLID FUELS	Coal	Ash Content	IS 1350 (Part 1)
405	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number	ISO 501 : 2012, IS 1353 2018
406	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part 1)
407	CHEMICAL- SOLID FUELS	coal	Flow Moisture Point (Flow table test)	Code of safe Practice for solid bulk Cargoes IMSBC code Appendix 2
408	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ISO 1928 : 2020, IS 1350 (Part 2)
409	CHEMICAL- SOLID FUELS	Coal	Hard Groove Index	IS 4433
410	CHEMICAL- SOLID FUELS	Coal	Moisture on Air dry Basis.	IS 1350 (Part 1)
411	CHEMICAL- SOLID FUELS	Coal	Phosphorus	IS 1355
412	CHEMICAL- SOLID FUELS	Coal	Sulphur	IS 1350 (Part 3)
413	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 (Part 1)
414	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part 1)
415	CHEMICAL- SOLID FUELS	Coke	Ash Content	IS 1350 (Part 1)
416	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS 1350 (Part 1)
417	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ISO 1928 : 2020, IS 1350 (Part 2)
418	CHEMICAL- SOLID FUELS	Coke	Hard Groove Index	IS 4433
419	CHEMICAL- SOLID FUELS	Coke	Phosphorus	IS 1355
420	CHEMICAL- SOLID FUELS	Coke	Sulphur	ISO 334 : 2020, IS 1350 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 29 of 39

Validity 05/04/2023 to 04/04/2025 **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
421	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	IS 1350 (Part 1)
422	CHEMICAL- WATER	Potable & Domestic Water	Chlorine, residual	IS 3025 (Part 26)
423	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Ammoniacal Nitrogen	IS 3025 (Part 34)
424	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Chloride	IS 3025 (Part 32)
425	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Dissolved oxygen	IS 3025 (Part 38)
426	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
427	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Oil and grease	APHA (23rd Edition) 5520 O&GB
428	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
429	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	pH value	IS 3025 (Part 11)
430	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Specific conductance	IS 3025 (Part 14)
431	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Total phosphorus	IS 3025 (Part 31)
432	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Total Alkalinity	IS 3025 (Part 23)
433	CHEMICAL- WATER	Boiler Water/ Feed Water/ Condensate Water	Total hardness	IS 3025 (Part 21)
434	CHEMICAL- WATER	Construction Water	Acidity	IS 3025 (Part 22)
435	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part 32)
436	CHEMICAL- WATER	Construction Water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
437	CHEMICAL- WATER	Construction Water	Non-filterable residue (total suspended solids)	IS 3025 (Part 17)
438	CHEMICAL- WATER	Construction Water	pH value	IS 3025 (Part 11)
439	CHEMICAL- WATER	Construction Water	Sulphates	IS 3025 (Part 24)
440	CHEMICAL- WATER	Construction Water	Total Alkalinity	IS 3025 (Part 23)
441	CHEMICAL- WATER	Construction Water	Total residue (total solids-dissolved and suspended)	IS 3025 (Part 15)
442	CHEMICAL- WATER	Construction Water	Volatile and fixed residue (total filterable and non- filterable)	IS 3025 (Part 18)
443	CHEMICAL- WATER	Cooling Tower Water	Bicarbonate	IS 3025 (Part 51)
444	CHEMICAL- WATER	Cooling Tower Water	Carbonate	IS 3025 (Part 51)
445	CHEMICAL- WATER	Cooling Tower Water	Chloride	IS 3025 (Part 32)
446	CHEMICAL- WATER	Cooling Tower Water	Chlorine, residual	IS 3025 (Part 26)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 30 of 39

Validity 05/04/2023 to 04/04/2025 **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
447	CHEMICAL- WATER	Cooling Tower Water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
448	CHEMICAL- WATER	Cooling Tower Water	Free Carbon Dioxide	IS 3025 (Part 61)
449	CHEMICAL- WATER	Cooling Tower Water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
450	CHEMICAL- WATER	Cooling Tower Water	pH value	IS 3025 (Part 11)
451	CHEMICAL- WATER	Cooling Tower Water	Specific conductance	IS 3025 (Part 14)
452	CHEMICAL- WATER	Cooling Tower Water	Sulphates	IS 3025 (Part 24)
453	CHEMICAL- WATER	Cooling Tower Water	Total Alkalinity	IS 3025 (Part 23)
454	CHEMICAL- WATER	Cooling Tower Water	Total hardness	IS 3025 (Part 21)
455	CHEMICAL- WATER	Cooling Tower Water	Turbidity	IS 3025 (Part 10)
456	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Acidity	IS 3025 (Part 22)
457	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Ammoniacal Nitrogen	IS 3025 (Part 34)
458	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Bicarbonate	IS 3025 (Part 51)
459	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Bromide as Br	APHA 23rd Edition 4500 Br 2017
460	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Carbonate	IS 3025 (Part 51)
461	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Chloride	IS 3025 (Part 32)
462	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Chlorine, residual	IS 3025 (Part 26)
463	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Colour	IS 3025 (Part 4)
464	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
465	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Fixed residue	IS 3025 (Part 18)
466	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Fluorides	APHA (23rd Edition) 4500-F-D:2017 SPADNS Method
467	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Free Carbon Dioxide	IS 3025 (Part 61)
468	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Nitrate	APHA (23rd Edition) 4500-NO3-B

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 31 of 39

Validity 05/04/2023 to 04/04/2025 **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
469	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Nitrite Nitrogen	IS 3025 (Part 34)
470	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Non-filterable residue (total suspended solids)	IS 3025 (Part 17)
471	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Odour	IS 3025 (Part 5)
472	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
473	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	pH value	IS 3025 (Part 11)
474	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Reactive Silica	IS 3025 (Part 35)
475	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Settleable Matter	IS 3025 (Part 19)
476	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Specific conductance	IS 3025 (Part 14)
477	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Sulphates	IS 3025 (Part 24)
478	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Total phosphorus	IS 3025 (Part 31)
479	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Total Alkalinity	IS 3025 (Part 23)
480	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Total hardness	IS 3025 (Part 21)
481	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Total Kjeldhal Nitrogen	ITG/SOP/HIS/001 Dated. 18.09.2016
482	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Total residue (total solids-dissolved and suspended)	IS 3025 (Part 15)
483	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Turbidity	IS 3025 (Part 10)
484	CHEMICAL- WATER	Demineralised water / Reagent grade water / Distilled water/ Purified water	Volatile residue	IS 3025 (Part 18)
485	CHEMICAL- WATER	Ground Water	Acidity	IS 3025 (Part 22)
486	CHEMICAL- WATER	Ground Water	Ammoniacal Nitrogen	IS 3025 (Part 34)
487	CHEMICAL- WATER	Ground Water	Bicarbonate	IS 3025 (Part 51)
488	CHEMICAL- WATER	Ground Water	Bromide as Br	APHA 23rd Edition 4500 Br
489	CHEMICAL- WATER	Ground Water	Carbonate	IS 3025 (Part 51)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 32 of 39

Validity 05/04/2023 to 04/04/2025 **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
490	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
491	CHEMICAL- WATER	Ground Water	Chlorine, residual	IS 3025 (Part 26)
492	CHEMICAL- WATER	Ground Water	Colour	IS 3025 (Part 4)
493	CHEMICAL- WATER	Ground Water	Dissolved oxygen	IS 3025 (Part 38)
494	CHEMICAL- WATER	Ground Water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
495	CHEMICAL- WATER	Ground Water	Fixed residue	IS 3025 (Part 18)
496	CHEMICAL- WATER	Ground Water	Fluorides	APHA (23rd Edition) 4500-F-D:2017 SPADNS Method
497	CHEMICAL- WATER	Ground Water	Free Carbon Dioxide	IS 3025 (Part 61)
498	CHEMICAL- WATER	Ground Water	Nitrate	APHA (23rd Edition) 4500-NO3-B
499	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen	IS 3025 (Part 34)
500	CHEMICAL- WATER	Ground Water	Non-filterable residue (total suspended solids)	IS 3025 (Part 17)
501	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
502	CHEMICAL- WATER	Ground Water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
503	CHEMICAL- WATER	Ground Water	pH value	IS 3025 (Part 11)
504	CHEMICAL- WATER	Ground Water	Settleable Matter	IS 3025 (Part 19)
505	CHEMICAL- WATER	Ground Water	Specific conductance	IS 3025 (Part 14)
506	CHEMICAL- WATER	Ground Water	Sulphates	IS 3025 (Part 24)
507	CHEMICAL- WATER	Ground Water	Total phosphorus	IS 3025 (Part 31)
508	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
509	CHEMICAL- WATER	Ground Water	Total hardness	IS 3025 (Part 21)
510	CHEMICAL- WATER	Ground Water	Total Kjeldhal Nitrogen	ITG/SOP/HIS/001 Dated. 18.09.2016
511	CHEMICAL- WATER	Ground Water	Total residue (total solids-dissolved and suspended)	IS 3025 (Part 15)
512	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
513	CHEMICAL- WATER	Ground Water	Volatile residue	IS 3025 (Part 18)
514	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water /Processed water	Colour	IS 3025 (Part 4)
515	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water /Processed water	Dissolved Oxygen	IS 3025 (Part 38)

SCOPE OF ACCREDITATION

Laboratory Name :	ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	33 of 39
Validity	05/04/2023 to 04/04/2025	**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
516	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water /Processed water	Nitrite Nitrogen	IS 3025 (Part 34)
517	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water /Processed water	Specific Conductance	IS 3025 (Part 14)
518	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water /Processed water	Total Alkalinity	IS 3025 (Part 23)
519	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water /Processed water	Total Hardness	IS 3025 (Part 21)
520	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Ammoniacal Nitrogen	IS 3025 (Part 34)
521	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Bicarbonate	IS 3025 (Part 51)
522	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Carbonate	IS 3025 (Part 51)
523	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Chloride	IS 3025 (Part 32)
524	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Chlorine, residual	IS 3025 (Part 26)
525	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Dissolved oxygen	IS 3025 (Part 38)
526	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
527	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Free Carbon Dioxide	IS 3025 (Part 61)
528	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Oil and grease	APHA (23rd Edition) 5520 O&GB
529	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
530	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	pH value	IS 3025 (Part 11)
531	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Specific conductance	IS 3025 (Part 14)
532	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Sulphates	IS 3025 (Part 24)
533	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Total phosphorus	IS 3025 (Part 31)
534	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Total Alkalinity	IS 3025 (Part 23)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 34 of 39

Validity 05/04/2023 to 04/04/2025 **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
535	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Total hardness	IS 3025 (Part 21)
536	CHEMICAL- WATER	Industrial Water/ Cooling Tower Water/ Chiller water/ Boiler Water/ Feed Water/ Condensate Water/Processed water	Turbidity	IS 3025 (Part 10)
537	CHEMICAL- WATER	Irrigation Water	Ammonical Nitrogen	IS 3025 (Part 34)
538	CHEMICAL- WATER	Irrigation Water	Bicarbonate	IS 3025 (Part 51)
539	CHEMICAL- WATER	Irrigation Water	Carbonate	IS 3025 (Part 51)
540	CHEMICAL- WATER	Irrigation Water	Chloride	IS 3025 (Part 32)
541	CHEMICAL- WATER	Irrigation Water	Chlorine, residual	IS 3025 (Part 26)
542	CHEMICAL- WATER	Irrigation Water	Colour	IS 3025 (Part 4)
543	CHEMICAL- WATER	Irrigation Water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
544	CHEMICAL- WATER	Irrigation Water	Free Carbon Dioxide	IS 3025 (Part 61)
545	CHEMICAL- WATER	Irrigation Water	Nitrate	APHA (23rd Edition) 4500-NO3-B
546	CHEMICAL- WATER	Irrigation Water	Nitrite Nitrogen	S 3025 (Part 34)
547	CHEMICAL- WATER	Irrigation Water	Odour	IS 3025 (Part 5)
548	CHEMICAL- WATER	Irrigation Water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
549	CHEMICAL- WATER	Irrigation Water	pH value	IS 3025 (Part 11)
550	CHEMICAL- WATER	Irrigation Water	Specific conductance	IS 3025 (Part 14)
551	CHEMICAL- WATER	Irrigation Water	Sulphates	IS 3025 (Part 24)
552	CHEMICAL- WATER	Irrigation Water	Total Alkalinity	IS 3025 (Part 23)
553	CHEMICAL- WATER	Irrigation Water	Total hardness	IS 3025 (Part 21)
554	CHEMICAL- WATER	Irrigation Water	Total Kjeldhal Nitrogen	ITG/SOP/HIS/001
555	CHEMICAL- WATER	Irrigation Water	Total phosphorus	IS 3025 (Part 31)
556	CHEMICAL- WATER	Irrigation Water	Turbidity	IS 3025 (Part 10)
557	CHEMICAL- WATER	Packaged Drinking Water	Acidity	IS 3025 (Part 22)
558	CHEMICAL- WATER	Packaged Drinking Water	Ammoniacal Nitrogen	IS 3025 (Part 34)
559	CHEMICAL- WATER	Packaged Drinking Water	Bicarbonate	IS 3025 (Part 51)
560	CHEMICAL- WATER	Packaged Drinking Water	Bromide as Br	APHA 23rd Edition 4500 Br
561	CHEMICAL- WATER	Packaged Drinking Water	Carbonate	IS 3025 (Part 51)
562	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS 3025 (Part 32)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 35 of 39

Validity 05/04/2023 to 04/04/2025 **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
563	CHEMICAL- WATER	Packaged Drinking Water	Chlorine, residual	IS 3025 (Part 26)
564	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 (Part 4)
565	CHEMICAL- WATER	Packaged Drinking Water	Dissolved oxygen	IS 3025 (Part 38)
566	CHEMICAL- WATER	Packaged Drinking Water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
567	CHEMICAL- WATER	Packaged Drinking Water	Fixed residue	IS 3025 (Part 18)
568	CHEMICAL- WATER	Packaged Drinking Water	Fluorides	APHA (23rd Edition) 4500-F-D:2017 SPADNS Method
569	CHEMICAL- WATER	Packaged Drinking Water	Free Carbon Dioxide	IS 3025 (Part 61)
570	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA (23rd Edition) 4500-NO3-B
571	CHEMICAL- WATER	Packaged Drinking Water	Nitrite Nitrogen	IS 3025 (Part 34)
572	CHEMICAL- WATER	Packaged Drinking Water	Non-filterable residue (total suspended solids	IS 3025 (Part 17)
573	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
574	CHEMICAL- WATER	Packaged Drinking Water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
575	CHEMICAL- WATER	Packaged Drinking Water	pH value	IS 3025 (Part 11)
576	CHEMICAL- WATER	Packaged Drinking Water	Reactive Silica	IS 3025 (Part 35)
577	CHEMICAL- WATER	Packaged Drinking Water	Settleable Matter	IS 3025 (Part 19)
578	CHEMICAL- WATER	Packaged Drinking Water	Specific conductance	IS 3025 (Part 14)
579	CHEMICAL- WATER	Packaged Drinking Water	Sulphates	IS 3025 (Part 24)
580	CHEMICAL- WATER	Packaged Drinking Water	Total phosphorus	IS 3025 (Part 31)
581	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	IS 3025 (Part 23)
582	CHEMICAL- WATER	Packaged Drinking Water	Total hardness	IS 3025 (Part 21)
583	CHEMICAL- WATER	Packaged Drinking Water	Total Kjeldhal Nitrogen	ITG/SOP/HIS/001 Dated. 18.09.2016
584	CHEMICAL- WATER	Packaged Drinking Water	Total residue (total solids-dissolved and suspended)	IS 3025 (Part 15)
585	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
586	CHEMICAL- WATER	Packaged Drinking Water	Volatile residue	IS 3025 (Part 18)
587	CHEMICAL- WATER	Potable & Domestic Water	Acidity	IS 3025 (Part 22)
588	CHEMICAL- WATER	Potable & Domestic Water	Ammoniacal Nitrogen	IS 3025 (Part 34)
589	CHEMICAL- WATER	Potable & Domestic Water	Bicarbonate	IS 3025 (Part 51)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 36 of 39

Validity 05/04/2023 to 04/04/2025 **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
590	CHEMICAL- WATER	Potable & Domestic Water	Bromide as Br	APHA 23rd Edition 4500 Br 2017
591	CHEMICAL- WATER	Potable & Domestic Water	Carbonate	IS 3025 (Part 51)
592	CHEMICAL- WATER	Potable & Domestic Water	Chloride	IS 3025 (Part 32)
593	CHEMICAL- WATER	Potable & Domestic Water	Colour	IS 3025 (Part 4)
594	CHEMICAL- WATER	Potable & Domestic Water	Dissolved oxygen	IS 3025 (Part 38)
595	CHEMICAL- WATER	Potable & Domestic Water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
596	CHEMICAL- WATER	Potable & Domestic Water	Fixed residue	IS 3025 (Part 18)
597	CHEMICAL- WATER	Potable & Domestic Water	Fluorides	APHA (23rd Edition) 4500-F-D:2017 SPADNS Method
598	CHEMICAL- WATER	Potable & Domestic Water	Free Carbon Dioxide	IS 3025 (Part 61)
599	CHEMICAL- WATER	Potable & Domestic Water	Nitrate	APHA (23rd Edition) 4500-NO3-B
600	CHEMICAL- WATER	Potable & Domestic Water	Nitrite Nitrogen	IS 3025 (Part 34)
601	CHEMICAL- WATER	Potable & Domestic Water	Non-filterable residue (total suspended solids)	IS 3025 (Part 17)
602	CHEMICAL- WATER	Potable & Domestic Water	Odour	IS 3025 (Part 5)
603	CHEMICAL- WATER	Potable & Domestic Water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
604	CHEMICAL- WATER	Potable & Domestic Water	pH value	IS 3025 (Part 11)
605	CHEMICAL- WATER	Potable & Domestic Water	Settleable Matter	IS 3025 (Part 19)
606	CHEMICAL- WATER	Potable & Domestic Water	Specific conductance	IS 3025 (Part 14)
607	CHEMICAL- WATER	Potable & Domestic Water	Sulphates	IS 3025 (Part 24)
608	CHEMICAL- WATER	Potable & Domestic Water	Total phosphorus	IS 3025 (Part 31)
609	CHEMICAL- WATER	Potable & Domestic Water	Total Alkalinity	IS 3025 (Part 23)
610	CHEMICAL- WATER	Potable & Domestic Water	Total hardness	IS 3025 (Part 21)
611	CHEMICAL- WATER	Potable & Domestic Water	Total Kjeldhal Nitrogen	ITG/SOP/HIS/001 Dated. 18.09.2016
612	CHEMICAL- WATER	Potable & Domestic Water	Total residue (total solids-dissolved and suspended)	IS 3025 (Part 15)
613	CHEMICAL- WATER	Potable & Domestic Water	Turbidity	IS 3025 (Part 10)
614	CHEMICAL- WATER	Potable & Domestic Water	Volatile residue	IS 3025 (Part 18)
615	CHEMICAL- WATER	Surface water	Acidity	IS 3025 (Part 22)

SCOPE OF ACCREDITATION

Laboratory Name : ITALAB (GOA) PVT. LTD., ITALAB HOUSE, VICTOR HOSPITAL ROAD, MALBHAT- MADGAON, MADGAON, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8070 **Page No** 37 of 39

Validity 05/04/2023 to 04/04/2025 **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
616	CHEMICAL- WATER	Surface water	Ammoniacal Nitrogen	IS 3025 (Part 34)
617	CHEMICAL- WATER	Surface water	Bicarbonate	IS 3025 (Part 51)
618	CHEMICAL- WATER	Surface water	Bromide as Br	APHA 23rd Edition 4500 Br
619	CHEMICAL- WATER	Surface water	Carbonate	IS 3025 (Part 51)
620	CHEMICAL- WATER	Surface water	Chloride	IS 3025 (Part 32)
621	CHEMICAL- WATER	Surface water	Chlorine, residual	IS 3025 (Part 26)
622	CHEMICAL- WATER	Surface water	Colour	IS 3025 (Part 4)
623	CHEMICAL- WATER	Surface water	Dissolved oxygen	IS 3025 (Part 38)
624	CHEMICAL- WATER	Surface water	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
625	CHEMICAL- WATER	Surface water	Fixed residue	IS 3025 (Part 18)
626	CHEMICAL- WATER	Surface water	Fluorides	APHA (23rd Edition) 4500-F-D:2017 SPADNS Method
627	CHEMICAL- WATER	Surface water	Free Carbon Dioxide	IS 3025 (Part 61)
628	CHEMICAL- WATER	Surface water	Nitrate	APHA (23rd Edition) 4500-NO3-B
629	CHEMICAL- WATER	Surface water	Nitrite Nitrogen	IS 3025 (Part 34)
630	CHEMICAL- WATER	Surface water	Non-filterable residue (total suspended solids)	IS 3025 (Part 17)
631	CHEMICAL- WATER	Surface water	Odour	IS 3025 (Part 5)
632	CHEMICAL- WATER	Surface water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
633	CHEMICAL- WATER	Surface water	pH value	IS 3025 (Part 11)
634	CHEMICAL- WATER	Surface water	Reactive Silica	IS 3025 (Part 35)
635	CHEMICAL- WATER	Surface water	Settleable Matter	IS 3025 (Part 19)
636	CHEMICAL- WATER	Surface water	Specific conductance	IS 3025 (Part 14)
637	CHEMICAL- WATER	Surface water	Sulphates	IS 3025 (Part 24)
638	CHEMICAL- WATER	Surface water	Total phosphorus	IS 3025 (Part 31)
639	CHEMICAL- WATER	Surface water	Total Alkalinity	IS 3025 (Part 23)
640	CHEMICAL- WATER	Surface water	Total hardness	IS 3025 (Part 21)
641	CHEMICAL- WATER	Surface water	Total Kjeldhal Nitrogen	ITG/SOP/HIS/001 Dated. 18.09.2016
642	CHEMICAL- WATER	Surface water	Total residue (total solids-dissolved and suspended)	IS 3025 (Part 15)

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8070	**Page No**	38 of 39
Validity	05/04/2023 to 04/04/2025	**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
643	CHEMICAL- WATER	Surface water	Turbidity	IS 3025 (Part 10)
644	CHEMICAL- WATER	Surface water	Volatile residue	IS 3025 (Part 18)
645	CHEMICAL- WATER	Swimming Pool Water	Chloride	IS 3025 (Part 32)
646	CHEMICAL- WATER	Swimming Pool Water	Chlorine, Residual	IS 3025 (Part 26)
647	CHEMICAL- WATER	Swimming Pool Water	Colour	IS 3025 (Part 4)
648	CHEMICAL- WATER	Swimming Pool Water	Filterable residue (Total dissolved solids)	IS 3025 (Part 16)
649	CHEMICAL- WATER	Swimming Pool Water	Odour	IS 3025 (Part 5)
650	CHEMICAL- WATER	Swimming Pool Water	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
651	CHEMICAL- WATER	Swimming Pool Water	pH value	IS 3025 (Part 11)
652	CHEMICAL- WATER	Swimming Pool Water	Total Alkalinity	IS 3025 (Part 23)
653	CHEMICAL- WATER	Swimming Pool Water	Turbidity	IS 3025 (Part 10)
654	CHEMICAL- WATER	Water Used in Industry	Ammoniacal Nitrogen	IS 3025 (Part 34)
655	CHEMICAL- WATER	Water Used in Industry	Chloride	IS 3025 (Part 32)
656	CHEMICAL- WATER	Water Used in Industry	Chlorine, residual	IS 3025 (Part 26)
657	CHEMICAL- WATER	Water Used in Industry	Chlorine, residual	IS 3025 (Part 26)
658	CHEMICAL- WATER	Water Used in Industry	Colour	IS 3025 (Part 4)
659	CHEMICAL- WATER	Water Used in Industry	Dissolved oxygen	IS 3025 (Part 38)
660	CHEMICAL- WATER	Water Used in Industry	Filterable residue (total dissolved solids)	IS 3025 (Part 16)
661	CHEMICAL- WATER	Water Used in Industry	Free Carbon Dioxide	IS 3025 (Part 61)
662	CHEMICAL- WATER	Water Used in Industry	Nitrite Nitrogen	IS 3025 (Part 34)
663	CHEMICAL- WATER	Water Used in Industry	pH value	IS 3025 (Part 11)
664	CHEMICAL- WATER	Water Used in Industry	Reactive Silica	IS 3025 (Part 35)
665	CHEMICAL- WATER	Water Used in Industry	Specific conductance	IS 3025 (Part 14)
666	CHEMICAL- WATER	Water Used in Industry	Sulphates	IS 3025 (Part 24)
667	CHEMICAL- WATER	Water Used in Industry	Total phosphorus	IS 3025 (Part 31)
668	CHEMICAL- WATER	Water Used in Industry	Total Alkalinity	IS 3025 (Part 23)
669	CHEMICAL- WATER	Water Used in Industry	Total hardness	IS 3025 (Part 21)
670	CHEMICAL- WATER	Water Used in 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

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Certificate Number	TC-8070	**Page No**	39 of 39
Validity	05/04/2023 to 04/04/2025	**Last Amended on**	-

specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.