National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 1 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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- FOOD AND AGRICULTURAL PRODUCTS	Grape juice	Total bacterial count	IS 5402 (Part 1)
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Grape juice	Total coliform count (Enumeration)	IS 5401 (Part 1)
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Grape Juice	Total Fungal Count	IS 5403
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Idli batter	Total Bacterial Count	IS 5402 (Part 1)
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Idli batter	Total Coliforms (Enumeration)	IS 5401 (Part 1)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Idli batter	Total Fungal Count	IS 5403
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Bacillus cereus	IS 5887 (Part 6)
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Coilform (detection)	IS 5401 (Part 1)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Escherichia coli (detection)	IS 5887 (Part 1)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Listeria monocytogenes	IS 14988 (Part 1)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Salmonella sp.	IS 5887 (Part 3)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Staphylococcus aureus (Coagulase +ve) (detection)	IS 5887 (Part 2)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Staphylococcus aureus (Coagulase +ve) (Enumeration)	IS 5887 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 2 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Total Bacterial Count	IS 5402 (Part 1)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and its products	Total Fungal Count	IS 5403
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixed jam	Total Bacterial Count	IS 5402 (Part 1)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixed jam	Total Coliform Count (Enumeration)	IS 5401 (Part 1)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixed jam	Total Fungal Count	IS 5403
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil seeds and its products	Salmonella sp.	IS 5887 (Part 3)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil seeds and its products	Total Bacterial Count	IS 5402 (Part 1)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Oil seeds and its products	Total Fungal Count	IS 5403
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Onion paste	Total Bacterial Count	IS 5402 (Part 1)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Onion paste	Total Fungal Count	IS 5403
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Onion Paste	TotalColiforms (Enumeration)	IS 5401 (Part 1)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Onion powder	Total bacterial count	IS 5402 (Part 1)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Onion Powder	Total Fungal Count	IS 5403
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Escherichia coli	IS 5887 (Part 1)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 3 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Listeria monocytogenes	IS 14988 (Part 1)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Salmonella sp.	IS 5887 (Part 3)
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Total Bacterial Count	IS 5402 (Part 1)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Total Coliforms (Detection)	IS 5401 (Part 1)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Total Fungal Count	IS 5403
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and condiments	Bacillus cereus	IS 5887 (Part 6)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and condiments	Listeria monocytogenes	IS14988 (Part 1)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and condiments	Salmonella sp.	IS 5887 (Part 3)
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and condiments	Staphylococcus aureus (Coagulase +ve) (detection)	IS 5887 (Part 2)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and condiments	Staphylococcus aureus (Coagulase +ve) (enumeration)	IS 5887 (Part 2)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and condiments	Total Bacterial count	IS 5402 (Part 1)
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and condiments	Total Fungal Count	IS 5403
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tomato sauce	Total Bacterial Count	IS 5402 (Part 1)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tomato sauce	Total Coliforms (Enumeration)	IS 5401 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 4 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tomato sauce	Total Fungal Count	IS 5403
43	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Health mix	Bacillus cereus	IS 5887 (Part 6)
44	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Health Mix	Escherichia coli	IS 5887 (Part 1)
45	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Health mix	Listeria monocytogenes	IS 14988 (Part 1)
46	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Health mix	Salmonella sp.	IS 5887 (Part 3)
47	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Health mix	Staphylococcus aureus (Coagulase +ve) (detection)	IS 5887 (Part 2)
48	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Health Mix	Total Bacterial Count	IS 5402 (Part 1)
49	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Health mix	Total Coliforms (Enumeration)	IS 5401 (Part 1)
50	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Health mix	Total Fungal Count	IS:5403
51	BIOLOGICAL- WATER	Bore well water	Escherichia coli	IS 15185
52	BIOLOGICAL- WATER	Bore well water	Fecal Streptococci	IS 15186
53	BIOLOGICAL- WATER	Bore well water	Pseudomonas aeruginosa	IS 13428
54	BIOLOGICAL- WATER	Bore well water	Salmonella sp.	IS 15187
55	BIOLOGICAL- WATER	Bore well water	Shigella sp.	IS 5887 (Part 7)
56	BIOLOGICAL- WATER	Bore well water	Staphylococcus aureus(Coagulase +ve)	IS 5887 (Part 2)
57	BIOLOGICAL- WATER	Bore well water	Sulphite Reducing Anaerobes	IS 13428
58	BIOLOGICAL- WATER	Bore well water	Total Bacterial Count	IS 5402 (Part 1)
59	BIOLOGICAL- WATER	Bore well water	Total Coliforms (Detection)	IS 15185
60	BIOLOGICAL- WATER	Bore well water	Total Yeast and Mold	IS 5403

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 5 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
61	BIOLOGICAL- WATER	Bore well water	Total Yeast and Mold	IS 5403
62	BIOLOGICAL- WATER	Bore well water	Vibrio cholerae	IS 5887 (Part 5)
63	BIOLOGICAL- WATER	Bore well water	Vibrio parahaemolyticus	IS 5887 (Part 5)
64	BIOLOGICAL- WATER	Drinking Water	Escherichia coli (detection)	IS 15185
65	BIOLOGICAL- WATER	Drinking water	Fecal Streptococci	IS: 15186
66	BIOLOGICAL- WATER	Drinking water	Pseudomonas aeruginosa	IS 13428
67	BIOLOGICAL- WATER	Drinking water	Salmonella sp.	IS 15187
68	BIOLOGICAL- WATER	Drinking water	Shigella sp.	IS 5887 (Part 7)
69	BIOLOGICAL- WATER	Drinking water	Staphylococcus aureus (Coagulase +ve) (detection)	IS 5887 (Part 2)
70	BIOLOGICAL- WATER	Drinking water	Sulphite Reducing Anaerobes	IS 13428
71	BIOLOGICAL- WATER	Drinking water	Total Bacterial Count	IS 5402 (Part 1)
72	BIOLOGICAL- WATER	Drinking water	Total Coliforms (Detection)	IS 15185
73	BIOLOGICAL- WATER	Drinking water	Total Yeast and Mold	IS 5403
74	BIOLOGICAL- WATER	Drinking Water	Total Yeast and Mold	IS 5403
75	BIOLOGICAL- WATER	Drinking water	Vibrio cholerae	IS 5887 (Part 5)
76	BIOLOGICAL- WATER	Drinking water	Vibrio parahaemolyticus	IS 5887 (Part 5)
77	BIOLOGICAL- WATER	Packaged drinking water	Escherichia coli	IS 15185
78	BIOLOGICAL- WATER	Packaged drinking water	Fecal Streptococci	IS 15186
79	BIOLOGICAL- WATER	Packaged drinking water	Pseudomonas aeruginosa	IS 13428
80	BIOLOGICAL- WATER	Packaged drinking water	Salmonella sp.	IS 15187
81	BIOLOGICAL- WATER	Packaged drinking water	Shigella sp.	IS 5887 (Part 7)
82	BIOLOGICAL- WATER	Packaged drinking water	Staphylococcus aureus (Coagulase +ve)	IS 5887 (Part 2)
83	BIOLOGICAL- WATER	Packaged drinking water	Sulphite Reducing Anaerobes	IS 13428
84	BIOLOGICAL- WATER	Packaged drinking water	Total Bacterial Count	IS 5402 (Part 1)
85	BIOLOGICAL- WATER	Packaged drinking water	Total Coliforms (Detection)	IS 15185
86	BIOLOGICAL- WATER	Packaged drinking water	Total Yeast and Mold	IS 5403
87	BIOLOGICAL- WATER	Packaged drinking water	Total Yeast and Mold	IS 5403
88	BIOLOGICAL- WATER	Packaged Drinking water	Vibrio cholerae	IS 5887 (Part 5)
89	BIOLOGICAL- WATER	Packaged drinking water	Vibrio parahaemolyticus	IS 5887 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 6 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
90	BIOLOGICAL- WATER	Water for processed food industry	Salmonella sp.	IS 15187
91	BIOLOGICAL- WATER	Water for processed food industry	Total Coliforms (Detection)	IS 15185
92	BIOLOGICAL- WATER	Water for processed food industry	Vibrio parahaemolyticus	IS 5887 (Part 5)
93	BIOLOGICAL- WATER	Water for processed food industry	Escherichia coli detection	IS 15185
94	BIOLOGICAL- WATER	Water for processed food industry	Fecal Streptococci	IS 15186
95	BIOLOGICAL- WATER	Water for processed food industry	Pseudomonas aeruginosa	IS 13428
96	BIOLOGICAL- WATER	Water for processed food industry	Shigella sp.	IS 5887 (Part 7)
97	BIOLOGICAL- WATER	Water for processed food industry	Staphylococcus aureus (Coagulase +ve)	IS 5887 (Part 2)
98	BIOLOGICAL- WATER	Water for processed food industry	Sulphite Reducing Anaerobes	IS 13428
99	BIOLOGICAL- WATER	Water for processed food industry	Total Bacterial Count	IS 5402 (Part 1)
100	BIOLOGICAL- WATER	Water for processed food industry	Total Yeast and Mold	IS 5403
101	BIOLOGICAL- WATER	Water for processed food industry	Total Yeast and Mold	IS 5403
102	BIOLOGICAL- WATER	Water for processed food industry	Vibrio cholerae	IS 5887 (Part 5)
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Fat	AOAC, 21st Edn, 2019; 2003.05; Cha 4.5.05; VolI; Pg: 41.: 2019
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Total Solids	AOAC, 21st Edn, 2019; 925.09; Cha 32.1.02; VolII; Pg: 1.: 2019
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Ash	AOAC, 21st Edn, 2019; 923.03; Cha 32.1.05; VolII; Pg: 2.: 2019
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Crude Fiber	AOAC, 21st Edn, 2019; 962.09; Cha 4.6.01; Vol I; Pg: 44.: 2019
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Total Moisture	AOAC, 21st Edn, 2019; 925.10; Cha 32.1.03; VolII; Pg: 1.: 2019
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	corn flakes, vermicelli, macaroni	Calories from Fat	On calculation basis: AOAC.Official Methods of Analysis 2021
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	corn flakes, vermicelli, macaroni	Carbohydrates	IS-1656:2007 / Calculated by difference: 2007

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 7 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	corn flakes, vermicelli, macaroni	Dietary Fibre	AOAC, 21st Edn, 2019; 991.43; Cha 32.1.17; VolII; Pg: 7.: 2019
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	corn flakes, vermicelli, macaroni	Energy	On calculation basis: AOAC.Official Methods of Analysis 2021
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Additives	TotalDye (Tested for Sudan III and other similar dyes)	Ref:- ASTAAnalytical Method 28, 0/ European CommisionNews notification 03 / 99 / Chinese NationalQuality Assuranceand Inspection BureauGB/ t 19681 â€“ 2005FSSAI/Food Additives/2015: 2019
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Fat	AOAC, 21st Edn, 2019, 2003.05; Cha, 4.5.05; VolI; Pg: 41.: 2019
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Moisture	AOAC, 21st Edn, 2019, 925.10;Cha, 32.1.03; VolII; Pg: 1.: 2019
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Protein	AOAC, 21st Edn, 2019, 984.13, Cha,4.2.09, Vol I, Pg: 31: 2019
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains	Total Ash	AOAC, 21st Edn, 2019, 923.03; Cha 32.1.05; VolII; Pg: 2.: 2019
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits & Vegetables	Ash insoluble solids	IS 13846 : 2009: 2009
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits & Vegetables	Soluble Solids	AOAC, 21st Edn, 2019; 932.14C; Cha 44.1.04; VolIII; Pg: 2: 2019
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits & Vegetables	Titratable acidity	AOAC, 21st Edn, 2019; 942.15; Cha, 37.1.37; Vol:III; Pg: 10: 2019
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruits & Vegetables	Water insoluble solids	AOAC, 21st Edn, 2019; 922.10; Cha 37.1.13; VolIII; Pg: 6: 2019
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Product	Titratable acidity	AOAC, 21st t Edn, 2019; 947.05; Cha,33.2.06; VolII, Pg: 7.: 2019

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 8 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Fat	AOAC, 21st Edn, 2019; 989.05; Cha 33.2.26; VolII; Pg 18.: 2019
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Moisture	AOAC, 21st Edn, 2019; 927.05, Cha 33.5.02; VolII, Pg: 71.: 2019
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk and Milk Products	Total Ash	AOAC, 21stEdn, 2019; 945.46:Cha 33.2.10; VolII; Pg: 10.: 2019
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats	Argemone oil	IS-548: 1988
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats	Fatty acid Composition Octanoic acid, Decanoic acid, Lauric acid, Myristic acid, Palmitic acid, Linoleic acid, Linolenic acid, Stearic acid, Oleic acid	AOCS Officialmethod (1998) 5thEdn, Ce 1.62 and Ce2-66. / AOAC, 21st Edn, 2019; 996.01, Cha 32.2.02A, VolII, Pg: 48: 2019
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats	Free Fatty Acids as Oleic acid	AOAC, 21 st Edn, 2019, 940.28; Cha, 41.1.21; VolIII; Pg: 12: 2019
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats	Moisture	AOAC, 21 st Edn, 2019, 926.12; Cha, 41.1.02; VolIII; Pg: 1: 2019
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats	Refractive index	AOAC, 21 st Edn, 2019, 921.08; Cha,41.1.07; VolIII; Pg: 3: 2019
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats	Unsaponifiable Matter	AOAC, 21 st Edn, 2019, 933.08; Cha, 41.1.39; VolIII; Pg: 45.: 2019
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Acid Insoluble Ash	IS 1797.1985: 1985
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Crude Fat	AOAC, 21st Edn, 2019; 2003.05; Cha 4.5.05; VolI; Pg: 41.: 2019
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Crude Fiber	AOAC, 21st Edn, 2019; 962.09; Cha 4.6.01; Vol I; Pg: 44.: 2019
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Moisture	AOAC, 21st Edn, 2019; 925.10; Cha 32.1.03; VolII; Pg: 1.: 2019

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 9 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to cook /Ready to eat/ Ready to serve	Protein	AOAC, 21st Edn, 2019, 984.13, Cha,4.2.09, Vol I, Pg: 31: 2019
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower,Niger seed, olive	Aflatoxin-B2	AOAC, 21st Edn, 2019; 999.31; Cha 49.2.18; VolIII; Pg: 21.: 2019
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Aflatoxin -B1	AOAC, 21st Edn, 2019; 999.31; Cha 49.2.18; VolIII; Pg: 21.: 2019
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Oil Content	AOAC, 21st Edn, 2019; 2003.05, Cha 4.5.05, VolI, Pg: 41.: 2019
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Acid Insoluble Ash	IS 1797.1985: 1985
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Ash	AOAC, 21st Edn, 2019; 941.12(A); Cha 43.1.05; VolIII; Pg: 2.: 2019
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Capsaicin	AOAC, 21st Edn, 2019; 995.03; Cha 43.1.43; VolIII; Pg: 14.: 2019
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Curcumin	Fssai manual of methods of analysis of foods, spices and condiments: 2015
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Moisture	AOAC, 21st Edn, 2019; 986.21; Cha 43.1.04; VolIII Pg: 1.: 2019
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Piperine	IS-15695:2006 &ISO 11027 :1993: 2006
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Volatile Oil	AOAC, 21st Edn, 2019; 962.17; Cha 43.1.14; VolIII; Pg: 3.: 2019
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea leaves	Acid insoluble ash	IS-13857:1993: 1993
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea leaves	Alkalinity of water soluble ash	IS-13856:1993: 1993
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea leaves	Crude Fiber	IS-16041:2012: 2012

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 10 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea leaves	Moisture	IS-13853-1994: 1994
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea leaves	Total Ash	IS-13854:1994: 1994
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea leaves	Water extract	IS-13862:1999: 1999
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea leaves	Water soluble ash	IS-13855:1993: 1993
153	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Antimony	AOAC, 21st Edn, 2019; 2013.06; Cha 9.1.10; VolI; Pg 21.: 2019
154	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Cadmium	AOAC, 21st Edn, 2019; 2013.06; Cha 9.1.10; VolI; Pg 21.: 2019
155	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Calcium	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58: 2019
156	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Chromium	AOAC, 21st Edn, 2019; 2013.06; Cha 9.1.10; VolI; Pg 21.: 2019
157	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Copper	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58: 2019
158	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Iron	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58.: 2019
159	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Lead	AOAC, 21st Edn, 2019; 2013.06; Cha 9.1.10; VolI; Pg 21.: 2019
160	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Magnesium	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58: 2019
161	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Manganese	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58: 2019
162	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Mercury	AOAC, 21st Edn, 2019; 2013.06; Cha 9.1.10; VolI; Pg 21.: 2019

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Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 11 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
163	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Potassium	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58: 2019
164	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Selenium	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58: 2019
165	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Silver	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58: 2019
166	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Total Arsenic	AOAC, 21st t Edn, 2019; 2013.06; Cha 9.1.10; VolI; Pg 21.: 2019
167	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food Grains	Zinc	AOAC, 21st Edn, 2019; 2011.14; Cha 50.1.37; VolIII; Pg 58: 2019
168	CHEMICAL- RESIDUES IN WATER	Bore well Water	Magnesium	IS3025 (part 64): 2015; ISO 17294-1:2004: 2015
169	CHEMICAL- RESIDUES IN WATER	Bore well Water	Manganese	IS3025 (part 64): 2015; ISO 17294-1:2004: 2015
170	CHEMICAL- RESIDUES IN WATER	Bore well Water	Mercury	IS3025 (part 64): 2015; ISO 17294-1:2004: 2015
171	CHEMICAL- RESIDUES IN WATER	Bore well Water	Potassium	IS3025 (part 64): 2015; ISO 17294-1:2004: 2015
172	CHEMICAL- RESIDUES IN WATER	Bore well Water	Selenium	IS3025 (part 64): 2015; ISO 17294-1:2004: 2015
173	CHEMICAL- RESIDUES IN WATER	Bore well Water	Silver	IS 3025 (p art 64): 2015; ISO 17294-1:2004: 2015
174	CHEMICAL- RESIDUES IN WATER	Bore well Water	Total Arsenic	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
175	CHEMICAL- RESIDUES IN WATER	Bore well Water	Antimony	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
176	CHEMICAL- RESIDUES IN WATER	Bore well Water	Cadmium	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
177	CHEMICAL- RESIDUES IN WATER	Bore well Water	Calcium	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
178	CHEMICAL- RESIDUES IN WATER	Bore well Water	Chromium	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
179	CHEMICAL- RESIDUES IN WATER	Bore well water	Copper	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT - THANJAVUR (FORMALY IIFPT), PUDUKOTTAI ROAD, THANJAVUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11043 **Page No** 12 of 13

Validity 29/09/2022 to 28/09/2024 **Last Amended on** 08/10/2022

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
180	CHEMICAL- RESIDUES IN WATER	Bore well Water	Iron	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
181	CHEMICAL- RESIDUES IN WATER	Bore well Water	Lead	IS3025 (part 64): 2015; ISO 17294-1:2004: 2015
182	CHEMICAL- RESIDUES IN WATER	Bore well Water	Zinc	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
183	CHEMICAL- RESIDUES IN WATER	Packaged drinking water	Antimony	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
184	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Cadmium	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
185	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Calcium	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
186	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Chromium	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
187	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Copper	IS 3025(part64): 2015; ISO 17294-1:2004: 2015
188	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Iron	IS 3025(part64): 2015; ISO 17294-1:2004: 2015
189	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Lead	IS 3025(part64): 2015; ISO 17294-1:2004: 2015
190	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Magnesium	IS 3025(part64): 2015; ISO 17294-1:2004: 2015
191	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Manganese	IS 3025(part64): 2015; ISO 17294-1:2004: 2015
192	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Mercury	IS 3025(part 64): 2015; ISO 17294-1:2004: 2015
193	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Potassium	IS 3025(part 64): 2015; ISO 17294-1:2004: 2015
194	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Selenium	IS 3025(part 64): 2015; ISO 17294-1:2004: 2015
195	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Silver	IS 3025(part 64): 2015; ISO 17294-1:2004: 2015
196	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Total Arsenic	IS 3025(part 64): 2015; ISO 17294-1:2004: 2015
197	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Zinc	IS 3025 (part 64): 2015; ISO 17294-1:2004: 2015
198	CHEMICAL- WATER	Drinking Water	Colour	IS:3025(part4):1983(RA 2012):2012: 2012

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11043	**Page No**	13 of 13
Validity	29/09/2022 to 28/09/2024	**Last Amended on**	08/10/2022

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
199	CHEMICAL- WATER	Drinking Water	Odour	IS:3025(part5):1983(RA 2012):2012: 2012
200	CHEMICAL- WATER	Drinking Water	pH	IS:3025(part11):1983(RA 2012):2012: 2012
201	CHEMICAL- WATER	Drinking Water	Taste	IS:3025(part8):1983(RA 2012):2012: 2012
202	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS:3025(part16):1983(RA 2012):2012: 2012
203	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS:3025 (Part 23):1986(RA 2012):2012: 2012
204	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025(part10):1983(RA 2012):2012: 2012
205	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated fibre board box	Burst factor	IS 1060(p.7/sec.1)
206	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated fibre board box	Burst index	IS 1060 (p.7/sec.1)
207	MECHANICAL- PAPER & PAPER PRODUCTS	Corrugated fibre board box	Bursting strength	IS 1060(p.7/sec.1)
208	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Burst factor	IS 1060(p.6/sec.2)
209	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Burst index	IS 1060(p.6/sec.2)
210	MECHANICAL- PAPER & PAPER PRODUCTS	Paper	Bursting strength	IS 1060(p.6/sec 2)
211	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Burst factor	IS 1060(p.7/sec.1)
212	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Burst index	IS 1060(p.7/sec.1)
213	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Bursting strength	IS 1060(P.7/SEC.1)

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