National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SRI SHAKTHI FOOD TESTING LABORATORY, 9/1, V.K.L.NAGAR, THUDIYALUR, COIMBATORE NORTH, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 18/10/2021 to 17/10/2023 **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-ENVIRONMENT AND POLLUTION	Swab	Salmonella	IS 5887 : Part 3 : Sec 1
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	Total Coliform Count	IS 5401 : Part 1
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	Total Plate Count	IS 5402 : Part 1
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab	Yeast and Mould	IS 5403
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Peanuts	Escherichia coli	IS 5887: Part1
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Peanuts	Salmonella	IS 5887 : Part 3 : Sec 1
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Peanuts	Total Coliform Count	IS 5401 : Part 1
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Peanuts	Total Plate Count	IS 5402 :Part 1
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Peanuts	Yeast and Mould	IS 5403
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat foods- Chapatti	Escherichia coli	IS 5887:Part 1
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat foods- Chapatti	Total Coliform Count	IS 5401 : Part 1
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat foods- Chapatti	Total Plate Count	IS 5402 : Part 1
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat foods-Chapatti	Salmonella	IS 5887 : Part 3 : Sec 1

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat foods-Chapatti	Yeast and Mould	IS 5403
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sooji Rawa, Atta	Total Plate Count	IS 5402 : Part 1
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Soojii Rawa, Atta	Escherichia Coli	IS 5887:Part 1
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Soojii Rawa, Atta	Salmonella	IS 5887 : Part 3 : Sec 1
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Soojii Rawa, Atta	Total Coliform Count	IS 5401 : Part 1
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Soojii-Rawa, Atta	Yeast and Mould	IS 5403
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea Powder	Escherichia coli	IS 5887 :Part 1
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea Powder	Salmonella	IS 5887 : Part 3 : Sec 1
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea Powder	Total Coliform Count	IS 5401 : Part 1
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea powder	Total Plate Count	IS 5402 :Part 1
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea Powder	Yeast & Mould	IS 5403
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Turmeric Powder, Chili powder	Escherichia coli	IS 5887:Part:1
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Turmeric powder, Chili powder	Salmonella	IS 5887 : Part 3 : Sec 1
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Turmeric powder, Chili powder	Total Coliform Count	IS 5401 : Part 1

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28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Turmeric Powder, Chili powder	Total Plate Count	IS 5402 :Part 1
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Turmeric Powder, chili powder	Yeast & Mould	IS 5403
30	BIOLOGICAL- WATER	Drinking water	Coliform	IS 15185
31	BIOLOGICAL- WATER	Drinking Water	E.coli	IS 15185
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Acid Insoluble Ash	IS 1155
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Carbohydrate	IS 1656
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Crude Fiber	IS 1155
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Energy	Section 3.3.1 of food labelling, codex alimentarius (ISSN 0259-2916)
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten	IS 1155
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture	IS 1155
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Protein	AOAC 21st Edn. 920.87
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash	IS 1155
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Fat	AOAC 21st Edn. 920.85
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Acid Insoluble Ash	IS 3077
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Carbohydrate	IS 1656 (Annex - C)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Crude Fibre	IS 3077
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Energy	Section 3.3.1 of food labelling, codex alimentarius (ISSN 0259-2916)
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Moisture	IS 2791
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Protein	IS 3077
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Total Ash	IS 2791
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Total fat	AOAC 20th Edn :920.87
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Fruits- Mango	Acid Insoluble Ash	IS 4939
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Fruits- Mango	Acidity	IS 2860
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Fruits- Mango	Carbohydrate	IS 1656 (Annex - C)
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Fruits- Mango	Energy	Section 3.3.1 of food labelling, codex alimentarius (ISSN 0259-2916)
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Fruits- Mango	Moisture	FSSAI Manual- Fruit and Vegetable Product
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Fruits- Mango	pH	FSSAI Manual- Fruit and Vegetable Product
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Fruits- Mango	Protein	AOAC 21st Edn.920.152
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fresh Fruits- Mango	Total Fat	IS 6287

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57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Acid Insoluble Ash	IS 13857
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Alkalinity of water-soluble ash (as KOH)	IS 13856
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Carbohydrate	IS 1656 (Annex - C)
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Crude fibre	IS 10226 Part 1
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Energy	Section 3.3.1 of food labelling, codex alimentarius (ISSN 0259-2916)
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Iron Filings	IS 3633
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Moisture	IS13852
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	pH	SSFTL-CH-SOP-012
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Protein	AOAC 20th Ed. 920.103
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Total Ash	IS 13854
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Total Fat	AOAC 20th Edn 2003.06
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water extract	IS 13862
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water Insoluble Ash	IS 13855
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water Soluble Ash	IS 13855

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71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Acid Insoluble Ash	IS1797
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Alcoholic Soluble Extract	IS1797
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Carbohydrate	IS 1656 (Annexure -C)
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Crude Fibre	IS1797
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Energy value /Calories	Section 3.3.1 of food labelling ,Codex alimentarius (ISSN0259:2916)
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Moisture	IS1797
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Protein	AOAC 21st Edn 920 .173
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Total Ash	IS 1797
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Total Fat	AOAC 20th Edn 2003.06
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Volatile Oil (ml/100ml)	IS1797
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger), Chili Powder	Water Insoluble Ash	IS1797
82	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 Part 40
83	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 Part-32
84	CHEMICAL- WATER	Drinking Water	Electrical conductivity	IS 3025:part-14
85	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025: Part 46
86	CHEMICAL- WATER	Drinking Water	pH	IS 3025:Part 11
87	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025: Part 23

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88	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025: Part 16
89	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025: Part 21