National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : M. E. MEERAN INNOVATION CENTER, BLDG. NO: 34/137 A, EDAPPALLY VILLAGE, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5561 **Page No** 1 of 3

Validity 15/09/2021 to 14/09/2023 **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	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Moisture	AOAC 925.10 (21st edition)
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Energy	FAO Chapter 2 (by calculation)
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Fat	AOAC 920.85 (21st edition)
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Sugar	AOAC 939.03 (21st edition)
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Alcoholic acidity	FSSAI Manual for Cereal and Cereal products, Clause No.8.5
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Carbohydrate	FAO Chapter 2 (by calculation)
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Gluten	FSSAI Manual for Cereal and Cereal products, Clause No.8.4
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Protein	IS 7219
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Total ash	AOAC 923.03 (21st edition)
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Water activity	In-house SOP (MIC/SOP/01/04)
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CHILLI & CHILLI POWDER	COLOR VALUE	AOAC 971.26 (21st edition)
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles	Acidity	FSSAI MANUAL OF FRUITS & VEGETABLES CLAUSE No. 2.4
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles	Drained Weight	FSSAI Manual for Fruit and Vegetable products, Clause No.1.4

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles	pH (10% solution)	In-house SOP (MIC/SOP/03/12)
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles	Salt	FSSAI MANUAL FOR FRUITS & VEGETABLES CLAUSE no. 1.7
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles	Water activity	In-house SOP (MIC/SOP/01/04)
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Herbs, Seasonings	Alcoholic extract	FSSAI Manual for Spices and Condiments, Clause No.17.3
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Herbs, Seasonings	Bulk density	In-house SOP (MIC/SOP/03/11)
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Herbs, Seasonings	Chromate Test	FSSAI Manual for Spices and Condiments, Clause No.16.6
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Herbs, Seasonings	Cold water soluble extract	FSSAI Manual for Spices and Condiments, Clause No.6
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Herbs, Seasonings	Crude Fibre	FSSAI Manual for Spices and Condiments, Clause No.11.0
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Herbs, Seasonings	Non Volatile Ether Extract	FSSAI Manual for Spices and Condiments, Clause No.9
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Herbs, Seasonings	Starch	FSSAI Manual for Spices and Condiments, Clause No.16.5
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Herbs, Seasonings	Water activity	In-house SOP (MIC/SOP/01/04)
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Acid insoluble ash	ASTA Method 4.0 (4th edition)
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Carbohydrate	FAO Chapter 2 (by calculation)
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Fat	IS 1797

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Sugar	AOAC 925.43 (21st edition)
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Energy	FAO Chapter 2 (by calculation)
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Moisture	AOAC 986.21 (Moisture in Spices, 21st Edition)
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Protein	IS 7219
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Total Ash	ASTA Method 3.0 (4th edition)
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice powders, Spice mixes, Seasonings	Volatile oil	ASATA Method 5.0 (4th edition)
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric & turmeric powder	CURCUMIN	ASTA METHOD No.18