



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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 / 3

Validity 08/05/2019 to 07/05/2021 Last Amended on 09/05/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powder2. Spice mixes3. Seasonings	Acid insoluble ash	ASTA Method 4.0 (4th edition): 1997	0.01 g/100g to 20 g/100g
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powders2. Spice mixes3. Seasonings	Carbohydrate	FAO Chapter 2 (by calculation): 1998	30 g/100g to 85 g/100g
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powders2. Spice mixes3. Seasonings	Fat	IS 1797-2017: 2017	0.5 g/100g to 20 g/100g
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powders2. Spice mixes3. Seasonings	Sugar	AOAC 925.43 (20th edition): 2016	0.5 g/100g to 20 g/100g
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powders2. Spice mixes3. Seasonings	Energy	FAO Chapter 2 (by calculation): 1998	10 Kcal/100g to 600 Kcal/100g
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powders2. Spice mixes3. Seasonings	Moisture	AOAC 986.21 (Moisture in Spices, 20th Edition): 2016	0.5 ml/100g to 20 ml/100g
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powders2. Spice mixes3. Seasonings	Protein	IS 7219-1973: 2015	0.5 g/100g to 50 g/100g
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powders2. Spice mixes3. Seasonings	Total Ash	ASTA Method 3.0 (4th edition): 1997	0.1 g/100g to 20 g/100g
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	1. Spice powders2. Spice mixes3. Seasonings	Volatile oil	ASATA Method 5.0 (4th edition)-1997: 2010	0.1 ml/100g to 25 ml/100g



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10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Energy	FAO Chapter 2 (by calculation): 1998	50 Kcal/100g to 500 Kcal/100g
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Fat	AOAC 920.85 (20th edition): 2016	0.5 g/100g to 15 g/100g
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Sugar	AOAC 939.03 (20th edition): 2016	0.5 g/100g to 20 g/100g
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Carbohydrate	FAO Chapter 2 (by calculation): 1998	30 g/100g to 85 g/100g
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Protein	IS 7219-1973: 2015	0.5 g/100g to 50 g/100g
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Total ash	AOAC 923.03 (20th edition): 2016	0.1 g/100g to 20 g/100g
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal mixes- powders	Moisture	AOAC 925.10 (20th edition): 2016	0.5 g/100g to 20 g/100g
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CHILLI & CHILLI POWDER	COLOR VALUE	AOAC 971.26 (20th EDITION): 2016	35 to 200
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PICKLES	ACIDITY	FSSAI MANUAL OF FRUITS & VEGETABLES CLAUSE No. 2.4: 2016	0.2 % to 4 %



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19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PICKLES	SALT	FSSAI MANUAL FOR FRUITS & VEGETABLES CLAUSE no. 1.7: 2016	5 % to 20 %
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric & turmeric powder	CURCUMIN	ASTA METHOD No.18: 2019	1.2 % to 4.2 %