National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY EVALUATION LABORATORY, SPICES BOARD, PLOT NO. R-11, SIPCOT INDUSTRIAL COMPLEX, NORTH END ROAD, GUMMIDIPOONDI, THIRUVALLUR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7104	**Page No**	1 of 3
Validity	28/03/2022 to 27/03/2024	**Last Amended on**	11/11/2022

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	Spices & spice products	Aerobic Plate Count (Total Plate Count)	USFDA BAM Chapter 3
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Spice products	Coliforms	USFDA BAM Chapter 4
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Spice Products	E.coli	USFDA BAM Chapter 4
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Spice products	Salmonella	AOAC 2011.03
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and spice products	Yeast and Mould count	USFDA BAM Chapter 18
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Extraneous matter (Foreign matter)	ASTA Method 14.1
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Moisture	ASTA Method 2.0
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Other seeds	SOP - MOA 10:10 Issue No. (5) dated 05/01/2019
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Volatile oil	ASTA Method 5.0
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Color Value	ASTA 20.1
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Moisture	ASTA Method 2.0
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Pungency (Total Capsaicinoids)	ASTA Method 21.3
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	volatile oil	ASTA Method 5.0

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7104 **Page No** 2 of 3

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Moisture	ASTA Method 2.0
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Volatile oil	ASTA Method 5.0
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Moisture	ASTA Method 2.0
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Volatile oil	ASTA Method 5.0
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Moisture	ASTA Method 2.0
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ginger Paste, Garlic paste, Ginger-Garlic paste, Bhuna Masala, Tamarind paste	Moisture	ASTA Method 2.0
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ginger Paste, Garlic paste, Ginger-Garlic paste, Bhuna Masala, Tamarind paste	Volatile oil	ASTA Method 5.0
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Moisture	ASTA Method 2.0
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Piperine	ASTA Method 12.1
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Volatile oil	ASTA Method 5.0
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Curcumin	ASTA 18.0
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Moisture	ASTA Method 2.0
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Volatile oil	ASTA Method 5.0
27	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and spice products	2-Chloroethanol	MOA 40.25

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28	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Aflatoxin B1	ASTA method 24.2
29	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Aflatoxin B2	ASTA method 24.2
30	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Aflatoxin G1	ASTA method 24.2
31	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Aflatoxin G2	ASTA method 24.2
32	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and spice products	Ethylene oxide (sum of ethylene oxide and 2-chloroethanol)	MOA 40.25
33	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Sudan I	MOA No.40.14 (EU News Notification 03/99)
34	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Sudan II	MOA No.40.14 (EU News Notification 03/99)
35	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Sudan III	MOA No.40.14 (EU News Notification 03/99)
36	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Sudan IV	MOA No.40.14 (EU News Notification 03/99)
37	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices and Spice products	Total Aflatoxins	ASTA method 24.2