National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL AGMARK LABORATORY, GUNTUR, KOTHAPET MAIN ROAD, GUNTUR, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 04/10/2022 to 03/10/2024 **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	Amchur powder	Sieve test (% pass) through 710 micron	IS 460 (Part 1)
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Asafoetida	Alcoholic extract with 90% Alcohol	Clause 6 of IS 7807
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Asafoetida	Freedom from Colophony, Galbanum, Ammoniacum and other foreign resins	Clause 7 of IS 7807
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper	Bulk density	IS 1798
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper	Light berries %	IS 1798
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper	Pin Heads %	IS 1798
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper	Piperine content (ODB)	AOAC 987.07
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom whole capsules	Empty and malformed capsules % by count	Clause 2.8 of IS 1907
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses	Foreign matter % by wt	IS 4333 (Part I)
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses	Weevilled Grains % by wt	Clause 6.3.2 of IS 4333(Part I)
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses including Rice	Admixture % by wt	IS 4333 (Part I)
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses including Rice	Broken Grains % by wt	IS 4333 (Part I)
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses including Rice	Damaged and Discolored Grains % by wt	IS 4333 (Part I)

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses including Rice	Fragments % by wt	IS 4333 (Part I)
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses including Rice	Immature & Shrivelled %	IS 4333 (part I)
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses including Rice	Organic Foreign matter % by wt	IS 4333 (part I)
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses including Rice	Other Edible Grains % by wt	IS 4333 (Part I)
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and pulses products	Acid Insoluble Ash % by wt (ODB)	IS 1009
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and pulses products	Alcoholic Acidity % by wt	IS 1009
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and pulses products	Crude protein % by wt (ODB)	IS 7219
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and pulses products	Total Ash% by wt (ODB)	IS 1009
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal, Pulses, Cereal and Pulses including Rice	Moisture % by wt	IS 1155
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal, Pulses, Cereal and Pulses products including Rice	Inorganic Foreign matter % by wt	IS 4333 (Part I)
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal, Pulses, Cereal products and Pulses products	Crude Fiber % by wt	IS 1155
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Headless cloves% by wt	Clause 3.2 of IS 4404
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander whole	Split fruits % by wt	Clause 3.1.5 of IS 2443
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry powder	Salt % by wt	Clause 16 of IS 1797

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry Ginger	Alcohol Soluble Extract% (ODB)	Clause 10 of IS 1797
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry ginger	Calcium (as Calcium oxide) (ODB)	Clause 12 of IS 1797
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry Ginger	Cold Water Soluble Extract% (ODB)	Clause 11 of IS 1797
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry Ginger	Water Soluble Ash % (ODB)	IS 1797
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Acid Value	Clause 8 of IS 548 (PART I/ Sec 2)
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Belliers Turbidity Temperature °C	Clause 13 of IS 548 (PART II)
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Iodine Value	Clause 15 of IS 548 (PART I/Sec 2)
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Moisture and Volatile Matter	Clause 6.1 of IS 548 (PART I/Sec 2)
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Natural Essential Oil % by wt in mustard oil (Allyl iso thiocyanate)	Clause 18 of IS 548 (PART I/Sec 2)
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Polenske Value	Clause 20 of IS 548 (PART I/Sec 2)
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Refractive Index	Clause 11 of IS 548 (PART I/Sec 2)
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Saponification Value	Clause 16 of IS 548 (PART I/Sec 2)
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Specific Gravity at 30°C	Clause 12.3 of IS 548 (PART I/Sec 2)
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Test for added colour (Synthetic oil soluble colours)	Clause 19 of IS 548 (PART II)

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42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Test for presence of Argemone oil (TLC)	FSSAI Manual of Methods of analysis of Foods -Oil and Fats
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Test for presence of castor oil (Ammonium molybdate test)	Clause 15.1 of IS 548 (PART II) Method A
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Test for presence of cotton seed oil (Halphen test)	Clause 7 of IS 548 (PART II)
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Test for presence of Mineral oil (Holde test)	Clause 12 of IS 548 (PART II)
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Vegetable Oils	Unsaponifiable Matter	Clause 9 of IS 548 (PART I/Sec 2)
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	MANGO POWDER/AMCHUR	Acidity as anhydrous Tartaric acid	IS 13242
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice all varieties	Kernal breadth in mm	IS 4333 (Part I)
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice all varieties	Kernal length in mm	IS 4333 (Part I)
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice all varieties, Basmati rice, Blended rice	1000 Kernal wt	IS 4333 (Part I)
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice includimg Basmati rice	Other Rice including red grains % by wt	IS 4333 (Part I)
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice, Basmati rice, Blended rice	Chalky grains % by wt	IS 4333 (Part I)
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and condiments (Whole)	Inorganic Foreign matter % by wt	Clause 4.2 of IS 4403
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and condiments (Whole)	Insect bored, Broken, Shrivelled, Damaged, Discoloured % bt wt	Clause 3.1.6 and 3.17 of IS 2443
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and condiments (Whole)	Orgnain Foriegn matter% by wt	Clause 4.2 of IS 4403

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56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and condiments (Ground) and Besan	Sieve test (% pass) through 500 micron	IS 460 (Part 1)
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and condiments (Ground) and Besan	Sieve test (% pass) through 1000 micron	IS 460 (Part 1)
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Acid Insoluble Ash %	Clause 8 of IS 1797
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Crude fibre %	Clause 13 of IS 1797
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Curcuminoid content	IS 10925
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Moisture %	Clause 9 of IS 1797
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Non Volatile Ether Extract	Clause 14 of IS 1797
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Starch	Clause 9 of IS 4706 (Part II)
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Total Ash %	Clause 6 of IS 1797
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Volatile oil	Clause 15 of IS 1797
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric powder	Sieve test (% pass) through 300 micron	IS 460 (Part 1)
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder, Maida	Gluten % by wt	IS 1009