National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL AGMARK LABORATORY, NATIONAL SUGAR INSTITUTE CAMPUS, KALYANPUR, KANPUR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 31/01/2023 to 30/01/2025 **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	Besan	Acid Insoluble ash	IS 2400
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Alcoholic acidity	IS 1009
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Moisture	IS 1009
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Acid insoluble ash	IS 1010
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Total Ash	IS 1010
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ajowain whole	In organic Foreign matter	IS 4403
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ajowain whole	Shrivilled, Damaged , discoloured	IS 4403
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ajowain whole, comin whole and other whole spices	Organic Foreign matter	IS 4403
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Asafoetida	Alcoholic Extract	IS 7807
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Asafoetida	Free from Colophony, Galbanum Ammonicum and other forien resin	IS 7807
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Acid Insoluble ash	IS 1155
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Alcoholic Acidity	IS:1155
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Gluten	IS:1155

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Moisture	IS:1155
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Total Ash	IS; 1155
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta,	Crude Fiber	IS:1155
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Balck Pepper	Pin Heads	IS 1798 :
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Alcoholic acidity	IS 2400
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Moisture	IS 2400
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Protien	IS 7219
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Total Ash	IS 2400
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper	Bulk Density	IS 1797
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper	Light Berries	IS1798
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Acidity as Lactic acid	IS 3507
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Curd	IS 3507
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Milk Fat	IS 3507
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Moisture	IS 3507

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Salt as NaCl	IS 3507
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Cold Water Soluble extract	IS1797
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom capsules	Black and Splits	IS 1907
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom capsules	Empty and malformed	IS 1907
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies whole	Broken fruits and Fragments	IS 2322
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole, Turmeric. curry powder, Black paper,and other spices	Acid Insoluble ash	IS 1797
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole,Turmeric. curry powder, Black paper,and other spices	Moisture	IS:1797
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole,Turmeric. curry powder, Black paper,and other spices	Non-Volatile Ether Extract	IS 1797
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole,Turmeric. curry powder, Black paper,and other spices	Total Ash	IS 1797
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole,Turmeric. curry powder, Black paper,cumin and other spices	Crude Fibre	IS 1797
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Headless cloves	IS 4404
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Polenski value	IS 548 (Part I)
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander Whole	Split Fruites	IS 2443
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder), cumin, clove, curry powder and other spices	Volatile Oil	IS 1797

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42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Salt	IS 1797
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Bauouin Test(Test for presence of seseam Oil)	IS:3508
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Free fatty acid (as Oleic Acid) %	IS:3508
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	IS 3508
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Polensky Value	IS:3508
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	R.M.value	IS:3508
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ginger Paste, Garlic paste, Ginger-Garlic paste, Bhuna Masala, Tamarind paste	Acidity as Tartaric Acid	IS 13242:
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ginger Paste, Garlic paste, Ginger-Garlic paste, Bhuna Masala, Tamarind paste	Alcohol Soluble Extract	IS1797
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ginger Paste, Garlic paste, Ginger-Garlic paste, Bhuna Masala, Tamarind paste	Calcium as CaO	IS1797
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ginger Paste, Garlic paste, Ginger-Garlic paste, Bhuna Masala, Tamarind paste	Water soluble Ash	IS 1797
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity as Formic Acid	IS 4941
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	F/G Ratio	IS 4941
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehs's Test	IS 4941
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS 4941

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56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific Gravity	IS 4941
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS 4941
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total Ash	IS 4941
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total Reducing Sugar	IS 4941
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Acid insoluble ash	IS 1009
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Gluten	IS 1009
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida,	Total Ash	IS 1009
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Broken and Fragments	IS:4333(I)
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Damaged Grains	IS: 4333(I)
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Extraneous matter %	IS 4333(I)
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Other Edible Grains %	IS 4333(I)
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Shrivilled and Immature %	IS :4333(I)
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Weevilled grains	IS: 4333(I)
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Alcoholic acidity	IS 1010

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70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Gluten	IS 1010
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Moisture	IS 1010
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Starch	IS 4706(Part (II)
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Rhizomes	Defective rhizomes	IS 3576
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid value	IS:548 (Part I)
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Bellier’s turbidity temperature	IS:548 (Part II)
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine value	IS:548 (Part I)
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture	IS:548 (Part I)
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Natural essential oil as allyl-isothiocynate	IS :548 (Part I)
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Refractive index	IS:548 (Part I)
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification value	IS:548 (Part I)
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Specific gravity	IS:548 (Part I)
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for hydrocyanic Acid	IS:548 (Part II)
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for linseed oil	IS:548 (Part II)

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84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for presence mineral oil	IS:548 (Part II)
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for presence of castor oil	IS:548 (Part II)
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for presence of cotton seed oil	IS:548 (Part II)
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Unsaponifiable matter	IS:548 (Part I)