National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL AGMARK LABORATORY, 6TH CROSS ROAD, WILLINGDON ISLAND, KOCHI, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 30/11/2021 to 29/11/2023 **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	SPICES & CONDIMENTS	Light berries %	IS 1798
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity as formic acid	IS 4941
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	IS 4941
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	F/G ratio	IS 4941
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe’s Test	IS 4941
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS 4941
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific gravity at 27 degree Celsius	IS 4941
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS 4941
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total reducing sugars	IS 4941
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Acid Insoluble ash %	IS 1009
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Alcoholic Acidity %/wt	IS 1009
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Broken / fragments	IS 4333(part1)
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Crude Fibrer % / wt	IS 1155

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Damaged Grains %	IS 4333(part1)
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Gluten %/wt	IS 1009
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Immature and Shriveled%/wt	IS 4333(part1)
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Inorganic Foreign matter %/wt	IS 4333(part1)
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Moisture% by wt	IS 1009
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Organic Foreign Matter %/wt	IS 4333(part1)
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Other Edible grains %/wt	IS 4333(part1
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Partially husked grain	IS 4333(part1)
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Total Ash% by wt	IS 1009
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PULSES CEREALS AND FOOD GRAINS	Weevilled Grains %/wt	IS 4333(part1)
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	1000 kernal weight gm	IS 4333(part1)
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Admixture % by wt	IS 4333(part1)
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Breadh of grain mm	IS 4333(part1)
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Broken grains % by wt	IS 4333(part1)

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Chalky grains %/wt	IS 4333 (part1)
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Damaged , discoloured,Chalky,green & Immature % by wt.	IS 4333(part1)
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Damaged or discolored grains	IS 4333(part1)
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Foreign matter %by wt	IS 4333(part1)
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Fragments % by wt	IS 4333(part1)
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Length of grain mm	IS 4333(part1)
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Other rices including red grains%	IS 4333(part1)
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Total Impurities - % by wt	IS 4333(part1)
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Weevilled grains % /wt	IS 4333(part1)
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Acid Insoluble Ash% by wt	IS 1797 Clause 8
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Acidity as tartaric acid	IS 13242
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Headless cloves %	IS 4404 Second revision
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Immature and shrivelled%	IS 1797 Cl. 4.1
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Insect bored, damaged Broken,discoloured %	IS 1797 Cl. 4.1

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42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Non Volatile Ether Extract % by wt	IS 1797 Clause 14
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Pin heads %	IS 1798
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Total Ash % by wt	IS 1797 Clause 6
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Split fruits %	IS 9107
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Alcohol soluble Extract%	IS 1797
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Alcoholic extract %	IS 7807 Clause 6
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Black and splits %	IS 9107
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Bulk density	IS 1798
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Calcium %	IS 1908
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Cold water soluble extract %	IS 1797
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Crude Fiber % by wt	IS 1797 Clause 13
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Empty and malformed %	IS 9107
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Inorganic foreign matter%	IS 4403
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Moisture % by weight	IS 1797 Clause 9

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56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Organic foreign matter %	IS 4403
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Salt %	IS 1909 clause 16
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Shrivelled,Damaged,Discoloured %	IS 1797 Cl. 4.1
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Starch % by wt	IS 4706 (part II)
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Volatile Oil % by wt	IS 1797 Clause 15
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	SPICES & CONDIMENTS	Water Soluble Ash%	IS 1797
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Lead chromate test	IS:1797-1985
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Acid value for Veg oil	IS 548(part-I)
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Acidity for butter and Fatspread	IS 3507
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Added colour	IS 548(Part-II)
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Bellier’s Turbidity Test	IS 548(Part-I)
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Boudoin Test for Ghee	IS 3508
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Butyro Refractometer reading at 40 Degree Celsius for ghee	IS 3508
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Curd	IS 3507

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70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Fat % for butter and fatspread	IS 3507
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Free Fatty Acid for Ghee	IS 3507
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Halphen Test	IS 548(Part-II)
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Iodine Values	IS 548(Part 1)
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Moisture %by wt for Veg oil and ghee	IS 548(Part 1)
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Moisutre for butter and Fatspread	IS 3507
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Natural essential oil %(as allyl iso thiocianate)	IS 548(Part 1)
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Polenskey Value for Ghee and butter	IS 3508
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Polenskey Value for veg oil	IS 548(Part 1)
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Refractive Index at 40 degree Celsius	IS 548(Part 1)
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Reichert Meissl Value for ghee and butter	IS 3508
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Salt% for butter and fatspread	IS 3507
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Saponification Values	IS 548(Part 1)
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Specific gravity at 30 degree Celcius	IS 548(Part 1)

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84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Test for Argemone oil (By TLC)	IS 548(Part 2)
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Test for Mineral oil (By TLC)	IS 548(Part 2)
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Test for presence of hydrocyanic acid	IS 548(Part 2)
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable oil, Ghee, Butter and Veg. Fatspread	Unsaponifiable Matters %by wt	IS 548(Part 1)
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Hexabromide test	IS:548 (Part 2)
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Castor oil	IS:548 (Part 2)