



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	1 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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	Ice Lollies or Edible Ices	Total Sugars expressed as Sucrose	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory), Sugar and sugar products and confectionery products. Method No. Part D 2
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dates	Moisture	FSSAI Manual of methods of analysis of fruits & vegetable products Method No. 20.1
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tomato sauce, culinary paste/ sauce, chilli sauce, Fruit & vegetable sauces, Soyabean sauce, Ginger paste, vegetable juices, tomato juice	Total Soluble Solids on salt free basis.	FSSAI Manual of Analysis of Fruit and Vegetable products, Method No: 1.6
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Aniseed whole	Foreign Edible Seeds	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Aniseed whole/Ajowan Whole (Bishops Seed)	Shrivelled, immature, damaged/ insect damaged/broken fruit.	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Asafoetida, Compounded Asafoetida	Alcoholic extract	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.010
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Fortified atta, Maida, Fortified Maida, Semolina (suji, rava), Protein rich atta, solvent extracted flours Protein rich Maida, Besan, Cereal products	Moisture	FSSAI manual of methods of analysis Cereals & Cereal products Method No: FSSAI 03.006
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Fortified atta, Maida, Fortified Maida, Semolina (suji, rava), Protein rich atta, Protein rich Maida, Besan, Corn flour / Custard powder / Corn Flakes, Infant foods, Malted milk food / Malt based food, Rice Powder, Processed cereal based complimentary food, Milk cereal based complimentary food,	Dirt & Extraneous matter	IS 4706 Part 1
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Fortified atta, Maida, Fortified Maida, Semolina (suji, rava), Protein rich atta, Protein rich Maida, Besan, cereal products, solvent extracted flours	Ash insoluble in Dil. HCl (on dry basis)	FSSAI manual of methods of analysis Cereals & Cereal products Method No: FSSAI 03.012
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Fortified atta, Maida, Fortified Maida, Semolina (suji, rava), Protein rich atta, Protein rich Maida, Besan, cereal products, solvent extracted flours	Total Ash (on dry basis)	FSSAI manual of methods of analysis Cereals & Cereal products Method No: FSSAI 03.011



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	2 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Fortified Atta, Maida, Fortified Maida, Semolina (Suji, Rava), Protein rich Atta, Protein rich Maida, Malt based food, Corn flour, rolled oats, malted milk food.	Alcoholic Acidity (with 90% alcohol) expressed as H ₂ SO ₄ (on dry weight basis)	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03.015
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Fortified Atta, Maida, Fortified Maida, Semolina (Suji, Rava), Protein rich Atta, Protein rich Maida.	Gluten on dry wt. basis.	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03.013
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products	Synthetic food color-Brilliant Blue	Inhouse validated method: RALE/HPLC/FA/SOP 02
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products	Synthetic food colour - Erythrosine	RALE/HPLC/FA/SOP 02
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products	Synthetic food colour- Carmoisine	RALE/HPLC/FA/SOP 02
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products	Synthetic food colour-Ponceau 4R	In-house validated method: RALE/HPLC/FA/SOP 02
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products	Synthetic food colour-Sunset Yellow	In-house validated method: RALE/HPLC/FA/SOP 02
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Synthetic food colour-Tartrazine	In-house validated method: RALE/HPLC/FA/SOP 02
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baking Powder	Available Carbon Dioxide	IS 1159 : 1981
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baking Powder	Test for Bicarbonate	Indian Pharmacopoeia, Method No: 2.3.1
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baking Powder	Test for Carbonate	Indian Pharmacopoeia, Method No: 2.3.1
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baking Powder	Test for Synthetic food colour	In-house Validated method :- RALE/FS(T)SOP-01.7/Issue No.01
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan Flour	Test for Kesari Dal Powder	Guidance Note of FSSAI No8/2018 , Ensuring Safety of Pulses



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	3 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan,Millet Flours,Protein rich Atta,Protein rich Maida ,Soya bean beverages	Total Protein	FSSAI Manual of methods for analysis of cereal and cereal products.FSSAI 03.017
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverage-Non-alcoholic (carbonated, caffeinated & Non-carbonated water based flavored drink.),Wines,Coffee,Tea,Herbal infusion,Hot ceral and grain beverages,Cedar and perry,Mead,Alcoholic beverage.	Benzoate as Benzoic acid	In-house validated method- RALE/FS(QC)/SOP/01.01.2019
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverage-Non-alcoholic (carbonated, caffeinated & Non-carbonated water based flavored drink.)Wines,Coffee,Tea,Herbal infusion,Hot ceral and grain beverages,Cedar and perry,Mead,Alcoholic beverage.	Sorbate as Sorbic acid	In-house validated method- RALE/FS(QC)/SOP/01.01.2019
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beverages, Canned fish	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04.2015
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Ash insoluble in Dil.HCl(on dry basis)	FSSAI manual of methods of analysis Cereals&Cereal products Method No FSSAI 03.012:
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Moisture	FSSAI Manual of methods of analysis Cereals&Cereal products Method No FSSAI 03.025:
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits , Bread,Nuts,Dry Fruits, Raisins And Dates,cereal based desserts.	Mould Growth	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments,No: 10.002
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits,Bread,Cereal based desert	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04.2015
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper(whole)	Test for Mineral Oil	FSSAI manual 10. Manual of methods of analysis of foods, Beverages, Sugar & Confectionery Products Method No. 19.0



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	4 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Alcoholic acidity(ml N NaOH /100 gm of dried substance)	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03.027
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Ash insoluble in Dil.HCl(on dry basis)	FSSAI manual of methods of analysis Cereals&Cereal products FSSAI 03.012
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Dirt,insect and insect fragments,larvae,rodent hairs.	RALE/FS(0)/SOP-01
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Moisture	FSSAI manual of methods of analysis Cereals&Cereal products FSSAI 03.025
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, Biscuits,Cake,Cookies,Cracker & Pies, Bread & Roll,Rusk,Candy,chocolate and cocoa products,chewing gum.	Benzoate as Benzoic acid	Inhouse validated method-RALE/FS(QC)/SOP/01.01.2019
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, Biscuits,Cake,Cookies,Cracker & Pies, Bread & Roll,Rusk,Candy,chocolate and cocoa products,chewing gum.	Sorbate as Sorbic acid.	In-house validated method-RALE/FS(QC)/SOP/01.01.2019
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Breakfast cereal products	Aspartame	Manual of methods of analysis of - Food Additives 2016 Method No:3.5.3
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Breakfast cereal products	Saccharine Na	Manual of method of analysis of foods-Food additives 2016, Method
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	breakfast cereals	Acesulfame K	Manual of methods of analysis of Foods- Food additives - Method No: 3.5.3
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Brewed Vinegar	Total Ash	FSSAI Manual of Analysis of Fruit and Vegetable products,Method No:14.4
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Brewed Vinegar	Total Solids	FSSAI Manual of Analysis of Fruits and Vegetable products,Method No:14.3
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cane Jaggery	Acid insoluble ash	FSSAI manual for analysis of beverages (Coffee, Tea, cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.Part A.8.1



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	5 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cane Jaggery	Free reducing sugar	FSSAI manual for analysis of beverages (Coffee, Tea, cocoa, Chicory), Sugar and sugar products and confectionery products. Method No.Part A-.6.4
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cane Jaggery	Moisture	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa,Chicory), Sugar and sugar products and confectionery products. Method No.Part A.9.1
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cane Jaggery	Sucrose	FSSAI manual for analysis of beverages (Coffee, Tea, cocoa, Chicory), Sugar and sugar products and confectionery products. Method No.Part A-.6.4
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cane Jaggery	Sulphated ash	FSSAI manual for analysis of beverages (Coffee, Tea, cocoa, Chicory), Sugar and sugar products and confectionery products. Method No.Part A.10 :
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cane Jaggery	Total sugar	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory), Sugar and sugar products and confectionery products. Method No.Part A.6.4:
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom Seeds	Light Seeds	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom Whole	Empty and Malformed Capsules	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom Whole	Immatured And Shriveled Capsules	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom,Chilies,Cinnamon,Cassia,Cloves,Coriander,Cumin,Fennel,Fenugreek,Mustard,Pepper,Turmeric	Extraneous Matter	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments,No: 10.002



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	6 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Pulses Flour	Rodent excreta and hair & light filth	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No:FSSAI 03:004
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal flours	Microscopic Examination	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No:FSSAI 03:024
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals,pulses & cereal products	Uric acid	In-house validated method,RALE/HPLC/SOP.10
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chewing gum and bubble gum	Acid Insoluble ash	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.Part B-3
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chewing gum and bubble gum	Gum	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.Part B-7:
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chewing gum and bubble gum	Moisture	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.Part B-2:
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chewing gum and bubble gum	Reducing sugar (as Dextrose)	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.Part B-8:
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chewing gum and bubble gum	Sucrose	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory), Sugar and sugar products and confectionery products. Method No.Part B-8:
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chewing gum and bubble gum	Sulphated ash	FSSAI manual for analysis of beverages (Coffee, Tea, cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.Part B-4:



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	7 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicory	Acid Insoluble Ash	FSSAI 04A.007:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory.
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicory	Added Synthetic food colour {Erythrosine (CI45430), Carmoisine (CI14720), Allura Red (CI 16035) Ponceau 4R (CI 16255), Sunset Yellow FCF (CI 15985), Tartrazine (CI 19140), Brilliant Blue FCF (CI 42090)}	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicory	Aqueous Extract	FSSAI 04A.010:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory.
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicory	Extraneous Matter	FSSAI 04A.022:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory.
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicory	Total Ash	FSSAI 04A.003:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory.
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli (Whole & Powder)	Test for Mineral Oil	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments,No: 10.023
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies whole	Broken fruits,seeds and fragments	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies Whole	Unripe and marked fruits.	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate	Acid Insoluble ash(on moisture, fat and sugar free basis)	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.Part C-6:
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate	Total Fat (on dry basis)	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.Part C-3:
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cinnamon whole	Foreign Vegetable matter	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	8 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Headless clove	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Insect damaged cloves	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	cloves	khokar cloves	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Tendrils,mother cloves	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa Powder	Acid Insoluble Ash (on moisture and fat free basis)	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.-4.5:
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa Powder	Alkalinity of total ash as K2O by weight (on moisture and fat free basis)	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.4.6
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa Powder	Cocoa butter (on dry basis)	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery products. Method No.4.3
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa Powder	Crude fibre (on moisture and fat free basis	IS 1164
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa Powder	Moisture	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory),Sugar and sugar products and confectionery 4.2
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cocoa Powder	Test for Synthetic food colour	In-house Validated method :- RALE/FS(T)SOP-01.7/Issue No.01/date 01.01.2015
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Arachidic acid(C 20)	AOCS Official Method, Ce 2-66



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Certificate Number	TC-6793	Page No	9 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Capric Acid(C 10:0)	AOCS Official Method, Ce 2-66
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Caproic acid(C 6:0)	AOCS Official Method, Ce 2-66
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Caprylic Acid(C 8:0)	AOCS Official Method, Ce 2-66
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Cis-11-Eicosenoic Acid(C 20:1n9)	AOCS Official Method, Ce 2-66
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Lauric Acid(C 12:0)	AOCS Official Method, Ce 2-66
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Linoleic Acid(C 18:2n6c)	AOCS Official Method, Ce 2-66
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Myristic Acid(C 14:0)	AOCS Official Method, Ce 2-66
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Oleic Acid(C 18:1n9c)	AOCS Official Method, Ce 2-66
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Palmitic Acid(C 16:0)	AOCS Official Method, Ce 2-66
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Stearic Acid(C 18 :0)	AOCS Official Method, Ce 2-66
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, Virgin coconut oil	Polenske Value	Manual of Methods of Analysis of Oils & Fats ,Method No. FSSAI 02.011
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, ,poppy seed oil, safflower seed oil ,taramira oil, til oil, Niger seed oil,soyabean oil, maize oil, water melon seed oil, palm oil palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, , partially hydrogenated soya bean oil.	Butyro Refractometer reading at 40°C, at 20°C and at 50°C	Manual of Methods of Analysis of Oils & Fats Method No: FSSAI 02.003



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	10 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, Olive oil[virgin, extra virgin ,refined, refined olive-pomace, olive pomace],poppy seed oil, safflower seed oil ,ltaramira oil, til oil, Niger seed oil,soyabean oil, maize oil, water melon seed oil, palm oil palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, blended edible vegetable oil, Avocado oil,Palm stearin,Palm kerne stearin Palm kernel olein,Palm Superolein,Chia oil,lpartially hydrogenated soya bean oil, margarine and fat spreads, Vanaspati.	Unsaponifiable matter	Manual of Methods of Analysis of Oils & Fats Method No: FSSAI 02.008
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, Olive oil[virgin, extra virgin ,refined, refined olive-pomace, olive pomace],poppy seed oil, safflower seed oil ,ltaramira oil, til oil, Niger seed oil,soyabean oil, maize oil, water melon seed oil, palm oil palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, blended edible vegetable oil, Avocado oil,Palm stearin,Palm kernel stearin Palm kernel olein,Palm Superolein ,Chia oil,lpartially hydrogenated soya bean oil.	Iodine value	Manual of Methods of Analysis of Oils & Fats ,Method No. FSSAI 02.010
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, Olive oil[virgin, extra virgin ,refined, refined olive-pomace, olive pomace],poppy seed oil, safflower seed oil ,ltaramira oil, til oil, Niger seed oil,soyabean oil, maize oil, water melon seed oil, palm oil palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, blended edible vegetable oil, partially hydrogenated soya bean oil, margarine and fat spreads, Vanaspati.	Test for Cotton seed oil	Manual of Methods of Analysis of Oils & Fats Method No: FSSAI 02.014
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, Olive oil[virgin, extra virgin ,refined, refined olive-pomace, olive pomace],poppy seed oil, safflower seed oil ,ltaramira oil, til oil, Niger seed oil,soyabean oil, maize oil, water melon seed oil, palm oil palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, blended edible vegetable oil, partially hydrogenated soya bean oil, margarine and fat spreads, Vanaspati.	Test for mineral oil	Manual of Methods of Analysis of Oils & Fats Method No: FSSAI 02.030
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, Olive oil[virgin, extra virgin ,refined, refined olive-pomace, olive pomace],poppy seed oil, safflower seed oil ,ltaramira oil, til oil, Niger seed oil,soyabean oil, maize oil, water melon seed oil, palm oil palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, blended edible vegetable oil, partially hydrogenated soya bean oil, margarine and fat spreads, Vanaspati.	Test for Sesame oil	Manual of Methods of Analysis of Oils & Fats Method No: FSSAI 02.013



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	11 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, Olive oil[virgin, extra virgin ,refined, refined olive-pomace, olive pomace],poppy seed oil, safflower seed oil ,ltaramira oil, til oil, Niger seed oil,soyabean oil, maize oil,Refines vegetable oils water melon seed oil, palm oil palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, blended edible vegetable oil, partially hydrogenated soya bean oil, margarine and fat spreads, Vanaspati.	Acid value	Manual of Methods of Analysis of Oils & Fats Method No: FSSAI 02.009:
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, Olive oil[virgin, extra virgin ,refined, refined olive-pomace, olive pomace],poppy seed oil, safflower seed oil ,taramira oil, til oil, Niger seed oil,soyabean oil, maize oil, water melon seed oil, palm oil , palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, , partially hydrogenated soya bean oil.	Saponification value	Manual of Methods of Analysis of Oils & Fats ,Method No. FSSAI 02.007
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, virgin coconut oil, cotton seed oil, ground nut oil, Linseed oil, Mustard oil, Olive oil[virgin, extra virgin ,refined, refined olive-pomace, olive pomace],poppy seed oil, safflower seed oil ,taramira oil, til oil, Niger seed oil,soyabean oil, maize oil, water melon seed oil, palm oil palmolein oil, palm kernel oil, sunflower seed oil, rice bran oil, , partially hydrogenated soya bean oil.	Refractive Index at 40°C, at 50°C and at 20°C	FSSAI manual of methods of analysis of foods, Oils and Fats Method No. FSSAI 02 .003
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Acid Insoluble Ash	FSSAI 04A.007:2023; Manual of Methods of Analysis of Foods. Beverges: Tea, Coffee, Chicory
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Added Synthetic food colour {Erythrosine (CI45430), Carmoisine (CI14720), Allura Red (CI 16035) Ponceau 4R (CI 16255), Sunset Yellow FCF (CI 15985), Tartrazine (CI 19140), Brilliant Blue FCF (CI 42090)}	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04: 2015
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Alkalinity of water soluble ash.	FSSAI 04A.008:2023; Manual of Methods of Analysis of Foods. Beverges: Tea, Coffee, Chicory.
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Aqueous Extract	FSSAI 04A.010:2023; Manual of Methods of Analysis of Foods. Beverges: Tea, Coffee, Chicory
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Caffeine content	IS 16028
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee Products	Extraneous Matter	RALE/FS(0)/SOP-01



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	12 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Microscopic examination	FSSAI 04A.014:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Solubility in boiling water	FSSAI 04A.016:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory.
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Solubility in cold water	FSSAI 04A.017:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Test for Chicory in coffee	FSSAI 04A.015:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Total Ash	FSSAI 04A.003:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee & Coffee products	Water Soluble Ash of Total Ash	FSSAI 04A.008:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Compounded Asafoetida	Test for Ammoniacum resin	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments, No: 10.034
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Compounded Asafoetida	Test for Colophony resin	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments, No: 10.035
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Compounded Asafoetida	Test for Galbanum resin	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments, No: 10.034
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Compounded Asafoetida	Test for Other Foreign Resins	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments, No: 10.034
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cooked or fried vegetables	Test for Synthetic food colour	In-house Validated method :- RALE/FS(T)SOP-01.7/Issue No.01
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander whole	Damaged/Discolored fruits	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander whole	Split fruits	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander (whole and powder)	Dead/Living Insects	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	13 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Insect fragments	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Mould growth	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Rodent Contamination	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Corn Flakes	Alcoholic acidity (with 90 per cent alcohol)(ml N NaOH /100 gm of dried substance)	FSSAI Manual of methods of analysis of Cereals & Cereal products, Method No.. FSSAI 03.027
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	corn flour	Total Ash	FSSAI Manual of methods of analysis of cereal & cereal product,Method No:FSSAI 03.011
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Corn flour / Custard powder /Corn Flakes	Moisture	FSSAI Manual of methods of analysis of cereal & cereal productFSSAI 03.006
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Corn flour/ Custard Powder/Cornflakes	Ash Insoluble in dilute HCl	FSSAI Manual of methods of analysis of cereal & cereal productFSSAI 03.012
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Animal excreta	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Broken	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Dead insects,Insect fragments,Rodent contamination	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Extraneous vegetable matter	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Foreign matter	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Mouldy seeds	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	14 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin whole	Proportion of damaged /defective fruits	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin whole black	Broken fruits(damaged,shriveled,discolored & immature seeds)	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin Whole Black	Edible Seeds Other than Cumin Black	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Solid Not Fat	FSSAI manual for dairy and dairy products:FSSAI 01.025
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Total Solids	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.034
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd / Flavoured milk	Milk Fat	FSSAI Manual of methods of dairy and dairy products:FSSAI 01.033
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Custard Powder/Cornflakes	Total Ash (Excluding Sodium Chloride)	FSSAI Manual of methods of analysis of cereal & cereal product:FSSAI 03.029
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Acid insoluble Ash	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.065:
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Added sugar as Sucrose	FSSAI Manual of Methods of analysis of Dairy and Dairy products, Method No:FSSAI 01.061
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy whitener	Milk protein in (solids not fat)	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.062
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Titrateable Acidity as Lactic Acid	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.060
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener	Total Ash(on moisture,added sugar&fat-free basis)	FSSAI Manual of methods for analysis of Dairy and Dairy products: FSSAI 01.064
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dairy Whitener, coconut milk powder	Fat	FSSAI Manual of methods for analysis of Dairy and Dairy products: FSSAI 01.057



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	15 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dates	Ash Insoluble in dilute HCl	IS 13846
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dates	Blemished/Damaged Units	FSSAI Manual of methods of analysis of Spices, Herbs and Condiments, FSSAI.10.002
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dates	Dead/ Living Insects	IS- 6261
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dates	Extraneous matter	IS-4702
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dates	Foreign matter	FSSAI Manual of methods of analysis of fruits & vegetable product
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dates	Insect fragments and rodent contamination	IS-6261
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dehydrated Fruit and Products	Extraneous Matter	FSSAI Manual of methods of analysis of fruits & vegetable product
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut (grated and powder)	Total ash	IS 966,method No. C
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut(grated and powder)	Acidity of extracted fat as lauric acid	IS 966,method No. F
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut(Grated and powder)	Extraneous matter	RALE/FS(0)/SOP-01
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut(grated and powder)	Moisture	IS 966,method No. B
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Desiccated coconut(grated and powder)	Oil content	IS 966,method No. E



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	16 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Desiccated Coconut(grated and powder)	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04.2015
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dried Fish	Contamination with dirt,oil,bilge or other extraneous matter	FSSAI Manual of Analysis of Fish and Fish products:FSSAI 06.027
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dried Fish	Foreign Matter	FSSAI Manual of Analysis of Fish and Fish products:FSSAI 06.027
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dried fish	Moisture	FSSAI Manual of Analysis of Fish and Fish products:FSSAI 06.027
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil	Antioxidant - TBHQ	RALE/HPLC/FA/SOP.03
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil	Antioxidant-BHA	RALE/HPLC/FA/SOP.03
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil	Antioxidant-BHT	In-house validated:RALE/HPLC/FA/SOP.03
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil	Peroxide Value	FSSAI Manual of Methods for analysis of Oils and Fats:FSSAI 02.042:
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil	Test for Argemone oil	FSSAI Manual of Methods for analysis of Oils and Fats:FSSAI 02.032
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils and Fats	Added colouring matter	Manual of Methods of Analysis of Oils & Fats ,Method No. FSSAI 02.046
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fennel Whole	Defective Seeds	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fennel Whole	Edible Seeds Other than Fennel	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	17 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fenugreek Whole	Edible seeds other than fenugreek	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish (Dried & salted)	Acid Insoluble Ash	FSSAI 06.018:2023; Manual of Methods of Analysis of Foods. Fish & Fish Products
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish (Dried & salted)	Salt Content	FSSAI 06.028:2023; Manual of Methods of Analysis of Foods. Fish & Fish Products
178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish (Dried & salted)	Test for Synthetic food colour {Erythrosine (CI45430), Carmoisine (CI14720), Allura Red (CI 16035) Ponceau 4R (CI 16255), Sunset Yellow FCF (CI 15985), Tartrazine (CI 19140), Brilliant Blue FCF (CI 42090)}	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish Pickle	Acidity as acetic acid of fluid Portion	FSSAI 06.013:2023; Manual of Methods of Analysis of Foods. Fish & Fish Products
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish Pickles	Sodium Chloride	FSSAI 06.028:2023; Manual of Methods of Analysis of Foods. Fish & Fish Products
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fish Pickles	Sodium Chloride	FSSAI Manual of Methods of analysis of foods Fruit & vegetable Products,No: 1.7
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flavoured Milk	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04.2015:
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Flavoured milk	Solids Not Fat (SNF)	IS 12333 :AOAC official Methods of Analysis 21st edition 990.21
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains(whole/Broken),Pulses(whole,shelled&split),Atta,Fortified atta,Maida,Fortified Maida,Semolina(suji,rava),Protein rich atta,Protein rich Maida,Besan, Corn flour / Custard powder /Corn Flakes, Macaroni products / Instant noodles, Rice Powder, Processed cereal based complimentary food,Milk cereal based complimentary food, Rolled oats, Infant foods, Malted milk food / Malt based food, Nuts,Dry Fruits And Dates	Synthetic food colour Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04.2015



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	18 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit jams, Soft drinks, Concentrates, Juices	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) AlluraRed (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit juices, Fruit nectars, Fruit Beverage, Fruit Drink, RTS Beverages, Thermally processed fruit pulp, Puree, Sweetened fruit pulp, Fruit Paste, Soup powder, Fruit bar/Toffee/fruit ,Squashes, Crushes, Fruit syrup, Fruit sharbats, Barley water ,Cordial, Ginger cocktail, Synthetic sharbats /syrups, Murabba, Candied crystallized glazed fruits, Ketchup, Tomato sauce, culinary paste, Fruit & vegetable sauces, Soyabean sauce, carbonated fruit beverage/fruit drink, Jam, fruit jellies and marmalades, fruit cheese, dehydrated fruits, frozen fruits/fruit products, Fruit based beverage mix, Fruit chantey,, fresh fruits, fruit filling for pastries, cooked fruit, fruit juice concentrated,,Fruit flakes	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit juices,Fruit nectars,Fruit Beverage,Fruit Drink,RTS Beverages,Thermally processed fruit pulp,Puree,Sweetened fruit pulp,Fruit Paste,Soup powder,Fruit bar/Toffee/fruit cereal flakes,Squashes,Crushes,Fruit syrup,Fruit sharbats,Barley water,Cordial,Ginger beer,Synthetic sharbats/syrups,Murabba,Candied crystallized glazed fruits,Ketchup,Tomato sauce,culinary paste,Fruit & vegetable sauces,Soyabean sauce,carbonated fruit beverage/fruit drink,Jam,fruit jellies and marmalades,fruit cheese,dehydrated fruits,frozen fruits/fruit products,Fruit based beverage mix.Fruit chantey,pickles,dried fruits,nuts & seeds,fresh fruits,fruit filling for pastries,cooked fruit,fruit juice concentrated,coated nuts,processed nuts.	Benzoate as Benzoic Acid.	Inhouse validated method- RALE/FS(QC)/SOP/01.01.
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit juices,Fruit nectars,Fruit Beverage,Fruit Drink,RTS Beverages,Thermally processed fruit pulp,Puree,Sweetened fruit pulp,Fruit Paste,Soup powder,Fruit bar/Toffee/fruit cereal flakes,Squashes,Crushes,Fruit syrup,Fruit sharbats,Barley water,Cordial,Ginger beer,Synthetic sharbats/syrups,Murabba,Candied crystallized glazed fruits,Ketchup,Tomato sauce,culinary paste,Fruit & vegetable sauces,Soyabean sauce,carbonated fruit beverage/fruit drink,Jam,fruit jellies and marmalades,fruit cheese,dehydrated fruits,frozen fruits/fruit products,Fruit based beverage mix.Fruit chantey,pickles,dried fruits,nuts & seeds,fresh fruits,fruit filling for pastries,cooked fruit,fruit juice concentrated,coated nuts,processed nuts.	Sorbate as Sorbic acid	Inhouse validated method- RALE/FS(QC)/SOP/01.01



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	19 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Pulp other than Mango	Total soluble solid (m/m) exclusive of added sugar	FSSAI manual of methods of analysis of foods, Fruits and Vegetable products. Method No. 3.5
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Added colouring matter	FSSAI Manual of methods of food analysis of Oils & Fats, Method No. 02.046
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Arachidic acid (C20:0)	AOAC 21st Edition,chapter 41,Method 969.33
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Baudouin's Test	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.091
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Behenic acid (C22:0)	AOAC 21st Edition,chapter 41,Method 969.33
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Butyro Refractometer Reading	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.088
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Free Fatty Acid	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.089
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Heptadecanoic acid (C17:0)	AOAC 21st Edition,chapter 41,Method 969.33
197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Iodine Value	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.095
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Mineral Oil	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.092
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.086
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Polenske Value	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.090
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Refractive Index	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.088



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	20 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Reichert Meissel value	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.090
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Saponification Value	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.096
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Arachidic Acid(C20:0)	AOCS Official Method,Ce 2-66
205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Behenic acid(C 22:0)	AOCS Official Method,Ce 2-66
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Cis-10-heptadecanoic acid(C17:1)	AOCS Official Method, Ce 2-66
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Cis-11-Eicosenoic acid(C20:1n9)	AOCS Official Method,Ce 2-66
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Gamma linolenic acid (C18:3n6)	AOCS Official Method, Ce 2-66
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Heptadecanoic Acid(C17:0)	AOCS Official Method, Ce 2-66
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Lignoseriic acid(C 24:0)	AOCS Official Method,Ce 2-66
211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	linolenic acid(c18:3n3)	AOCS Official Method, Ce 2-66
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Myristic Acid(C14:0)	AOCS Official Method, Ce 2-66
213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Oleic acid (C18:1n9c)	AOCS Official Method, Ce 2-66
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Palmitic Acid(C16:0)	AOCS Official Method, Ce 2-66
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Palmitoleic Acid(C16:1)	AOCS Official Method, Ce 2-66



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	21 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly Oil	Stearic Acid(C18:0)	AOCS Official Method, Ce 2-66
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grated Desiccated Coconut	Foreign Matter	RALE/FS(0)/SOP-01
218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grated Desiccated Coconut	Insect fragments and rodent contamination	RALE/FS(0)/SOP-01
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grated Desiccated Coconut	Living and dead insects	RALE/FS(0)/SOP-01
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grated Desiccated Coconut	mould growth	RALE/FS(0)/SOP-01
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ground Nut	Moisture	FSSAI Manual of methods of analysis of fruits & vegetable products ,Method No:20.1
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	As insoluble in dil.Hcl.	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No:8.1
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Moisture	FSSAI Manual of methods of analysis of beverages,sugar and sugar products,Part A,9.1
224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Sucrose	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No: 6.4
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Total Ash	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No: 6.7
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Total Sugar	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No: 6.4



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	22 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur,Jaggery,Sugar	Total Sulphites as SO ₂	Official methods of analysis of AOAC International 22nd Edition, 990.28
228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur/ Jaggery, Cane Gur / Cane Jaggery	Synthetic colour (Non permitted) Rhodamine B (CI 45170)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur/Jaggery/Cane Jaggery	Extraneous matter insoluble in water(on dry wt. basis)	FSSAI Manual for Beverages & Sugar & Sugar products Part A Method No.9.2
230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur/Jaggery/Cane Jaggery	Extraneous matter insoluble in water(on dry wt. basis)	FSSAI Manual for Beverages & Sugar & Sugar products Part A Method No.9.2
231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Heat -treated processed meat and poultry products in whole pieces or cuts	Test for Synthetic food colour	In-house Validated method :- RALE/FS(T)SOP-01.7/Issue No.01
232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs,Spices,Spice products & Condiments	Extraneous Matter	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs,spices,spice products & condiments	Insect Damaged matter	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs,Spices,Spice products & Condiments	Insect Fragments	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs,Spices,Spice products & Condiments	Living & Dead Insects	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs,Spices,Spice products & Condiments	Mould	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Herbs,Spices,Spice products & Condiments	Rodent Contamination	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Extraneous matter	IS 4941
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Insects and Insect fragments	IS 4941



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	23 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	FSSAI manual of methods of analysis of foods,Part A, Beverages, Sugar & Confectionery Products Method No. 6.2
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Mould	IS 4941
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No: 6.4
243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total Ash	FSSAI manual of methods of analysis of foods,Part A, Beverages, Sugar & Confectionery Products Method No. 6.7
245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey,Honey product	Acidity	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No: 6.8
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey,Honey products	Fructose/Glucose ratio	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No: 6.5
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey,Honey products.	Total Sugar	FSSAI Manual of Analysis of Beverages,sugar and sugar products& confectionery products,Part.A,Method No:6.4
248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant milk substitute / Infant formula / Milk cereal based complimentary food / Processed cereal based complimentary food/ Milk powder	Ash Insoluble in dilute HCl	FSSAI Manual of methods of analysis of milk & milk product Method No. 10.8



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	24 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant milk substitute / Infant formula / Milk cereal based complimentary food / Processed cereal based complimentary food/ Milk powder	Total Ash	FSSAI Manual of methods of analysis of dairy and dairy products:FSSAI 01.064
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant milk substitute / Infant formula / Milk cereal based complimentary food /Processed cereal based complimentary food/ Milk powder	Moisture	FSSAI Manual of methods of analysis of dairy and dairy products:FSSAI 01.056:
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant tea in Solid form	Total Ash	FSSAI 04A.005:2023; Manual of Methods of Analysis of Foods. Beverges: Tea, Coffee, Chicory
252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodised Salt	Moisture	IS 7224
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams, Jellies and mermalades, Fruit bar.	Total Soluble Solids	FSSAI manual of methods of analysis of foods, Fruits and Vegetable products. Method No. 1.6
254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Juices, Squashes, Fruit Syrups or Sharbats, Ketchups, Sauces, Fruit Beverages, Synthetic syrups or Sharbats, Jam, jellies	Acidity	FSSAI manual of methods of analysis of foods, Fruits & Vegetable Products Method No. 2.4
255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Juices,Squashes,Crushes,fruit nectars,fruit beverages, fruit drink,readt to serve fruit beverages,Fruit syrup,Fruit sharbats,Barley water,Cordial,Ginger cocktail,Murabba,synthetic syrup/ sharbath,mango pulp	Total Soluble Solids	FSSAI manual of methods of analysis of foods, Fruits & Vegetable Products Method No. 1.6
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khandasari sugar,Bura sugar,Misri,Cube sugar	Ash insoluble in dil.Hcl.	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No: 8.1
257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Detection of Maltodextrin	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.020
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Test for effecency of sterlization	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.022
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Test for H2O2	FSSAI manual of methods for dairy and dairy products:FSSAI 01.017



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	25 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Total Solids	FSSAI manual of methods of dairy and dairy products:FSSAI 01.025
261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Low Fat Frozen dessert, Medium Fat Frozen dessert High Fat Frozen dessert	Total Protein	FSSAI manual of methods for dairy and dairy products:FSSAI 01.049
262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Low Fat Frozen dessert, Medium Fat Frozen dessert High Fat Frozen dessert	Total Solids	FSSAI manual of methods for dairy and dairy products:FSSAI 01.046
263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Low Fat Frozen dessert, Medium Fat Frozen dessert, High Fat Frozen dessert	Total Fat	FSSAI manual of methods for dairy and dairy products:FSSAI 01.048
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Low Fat Ice cream, Medium Fat Ice cream, High Fat Ice cream	Milk Fat	FSSAI manual of methods for dairy and dairy products:FSSAI 01.048
265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Low Fat Ice cream, Medium Fat Ice cream, High Fat Ice cream	Milk Protein	FSSAI manual of methods for dairy and dairy products:FSSAI 01.049
266	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Low Fat Ice cream, Medium Fat Ice cream, High Fat Ice cream	Total Solids	FSSAI Manual for analysis of dairy and dairyMethod No FSSAI 01.049:.
267	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Macaroni products / Instant noodles	Ash Insoluble in dilute HCl	IS 1485
268	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Macaroni products / Instant noodles	Moisture	IS 1485
269	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mace Whole	Nutmeg in Mace	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
270	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Malted milk food / Malt based food	Ash Insoluble in dilute HCl	IS 1806
271	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Malted milk food / Malt based food	Moisture	IS 1806
272	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Malted milk food / Malt based food	Total Ash	IS 1806



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	26 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
273	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Malted milk food,Malt based food.	Protein	FSSAI manual of methods for dairy and dairy products:FSSAI 01.049
274	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Margarine and Fat spread	common salt	IS 12451, Method A-3
275	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Margarine and Fat spread	Fat	IS 12451- Method A-3
276	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Margarine and fat spread	Melting point of extracted fat	IS 12451
277	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Margarine and Fat spread	Moisture	IS 12451- Method A-2
278	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Clot On Boiling (COB Test)	IS 1479 Part I, Method No.8
279	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Detection of Sodium Chloride	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.009
280	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Phosphatase test	FSSAI manual of methods for dairy and dairy products:FSSAI 01.021
281	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for added urea	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.004
282	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Test for Ammonium salt	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.006
283	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk	Total Solids	FSSAI manual of methods for dairy and dairy products:FSSAI 01.025
284	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & cereal based complimentary food/Processed cereal based complimentary food,.	Protein	FSSAI manual of methods for dairy and dairy products:FSSAI 01.063
285	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder	Acid Insoluble Ash	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI 01.065
286	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Milk Protein in milk solids not fat	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.062



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	27 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
287	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder	Titrateable Acidity(ml 0.1 NaOH for 10 g SNF)	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.059
288	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Total Ash (on Moisture and Fat Free Basis)	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.064
289	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk/Curd/Flavoured milk	Test for Formalin	FSSAI manual of methods of analysis Dairy & dairy products Method No FSSAI 01.016
290	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Misri	Test for Synthetic food colour	In-house Validated method :- RALE/FS(T)SOP-01.7/Issue No.01
291	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Misri	Total Ash	FSSAI Manual of Analysis of Beverages,Sugar and Sugar products & Confectionery products. Part A. Method No: 6.7
292	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	Arachidic acid (C20:0)	AOCS Official Method, Ce 2-66
293	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	Behenic acid(C22:0)	AOCS Official Method, Ce 2-66
294	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	cis-11,14-eicosadienoic acid(c21:2)	AOCS Official Method, Ce 2-66
295	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	cis-11-eicosenoic acid(c20:1)	AOCS Official Method, Ce 2-66
296	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	cis-5,8,11,14,17-Eicosapentanoic acid (C20:5n3)	AOCS Official Method, Ce 2-66
297	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	Erucic acid(c22:1n9)	AOCS Official Method, Ce 2-66
298	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	Gamma-linolenic acid(c18:3n3)	AOCS Official Method, Ce 2-66
299	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	lignoceric acid(c24:0)	AOCS Official method ,Ce 2-66



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	28 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
300	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	linoleic acid(c18:2n6c)	AOCS Official method Ce 2-66
301	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	linolenic acid(c18:3n3)	AOCS Official method Ce 2-66
302	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	myristic acid(c14:0)	AOCS Official method Ce 2-66
303	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	nervonic acid(c24:1)	AOCS Official method Ce 2-66
304	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	oleic acid(c18:1n9c)	AOCS Official method Ce 2-66
305	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	Palmitic acid(c16:0)	AOCS Official method Ce 2-66
306	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	Palmitoleic acid(c16:1)	AOCS Official method Ce 2-66
307	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil	Stearic acid(c18:0)	AOCS Official method Ce 2-66
308	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Whole	Argemone seed	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
309	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nutmeg Whole	Mace in Nutmeg	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
310	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts,biscuits,dry fruits,rusk	Acidity of extracted fat as oleic acid	IS 1011
311	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Arachidic acid (C20:0)	AOCS Official Method , Ce 2-66
312	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Behenic acid (C22:0)	AOCS Official Method , Ce 2-66
313	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	cis-10-Heptadecanoic acid(C17:1)	AOCS Official Method , Ce 2-66



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	29 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
314	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Cis-11-Eicosenoic acid (C20:1n9)	AOCS Official Method , Ce 2-66
315	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Elaidic acid(c18:1n9t)	AOCS Official Method , Ce 2-66
316	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Heptadecanoic acid (C17:0)	AOCS Official Method , Ce 2-66
317	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Lignoceric acid (C24:0)	AOCS Official Method , Ce 2-66
318	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Linoleic acid(C 18:2n6c)	AOCS Official Method , Ce 2-66
319	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Linolenic acid(C18: 3n3)	AOCS Official Method , Ce 2-66
320	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Myristic acid (C13:0)	AOCS Official Method , Ce 2-66
321	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Oleic acid(C18:1n9c)	AOCS Official Method , Ce 2-66
322	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Palmitic acid(C16:0)	AOCS Official Method , Ce 2-66
323	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Palmitoleic acid(C16:1)	AOCS Official Method , Ce 2-66
324	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Stearic acid(C18:0)	AOCS Official Method , Ce 2-66
325	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm oil, Palm kernel oil, Olive oil [virgin, extra virgin ,refined, refined olive-pomace, olive pomace]	Free fatty acid	Manual of Methods of Analysis of Oils & Fats Method No: FSSAI 02.009
326	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Arachidic acid (C20:0)	AOCS official method Ce 2-66
327	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Behenic acid (C22:0)	AOCS Official method Ce-2-66



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	30 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
328	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	cis-11-Eicosenoic acid(C 20 :1n9)	AOCS Official Method Ce-2-66
329	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Heptadecanoic acid (C17:0)	AOCS Official Method Ce 2-66
330	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Lauric acid (C12:0)	AOCS Official Method Ce 2-66
331	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Linoleic acid (C18:2n6c)	AOCS Official Method Ce 2-66
332	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Linolenic acid (C18:3n3)	AOCS Official Method Ce 2-66
333	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Myristic acid (C13:0)	AOCS Official Method Ce 2-66
334	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Oleic acid(C 18:1n9c)	AOCS Official Method,Ce-2-66
335	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Palmitic acid(C16:0)	AOCS Official Method Ce-2-66
336	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Palmitoleic acid(C 16:1)	AOCS Official Method Ce-2-66
337	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palmolein	Stearic acid(C 18:0)	AOCS Official Method Ce-2-66
338	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pan Masala	Acid Insoluble Ash on dry basis	IS 5643
339	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pan Masala	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	31 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
340	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pan Masala	Total Ash on dry basis	IS 5643
341	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper (Whole, Powdered, Ground, Crushed)	Piperine content (UV method)	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments, No: 10.020
342	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper black whole	Broken berries/Pin heads	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.002
343	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper black whole	Light berries.	FSSAI Manual of methods of Spices & condiments-method No:14.2
344	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Whole	Extraneous Vegetable matter	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
345	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Whole	Foreign Matter	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
346	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Whole	Insect defiled berries	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
347	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Whole	Mammalian or Other Excreta	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
348	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Whole	Mouldy Berries	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
349	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper whole	Pin Heads	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
350	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Whole (White & Green)	Black Berries	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
351	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Whole (White & Green)	Broken Berries	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
352	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles (Fruit, Vegetable, Egg, Fish & Meat)	Oil Soluble Colour (Sudan I, Sudan II, Sudan III, Sudan IV)	FSSAI Manual of methods of Analysis of Foods, Food & Food Additives. Method No:4.3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	32 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
353	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles (Fruit, Vegetable, Egg, Fish & Meat)	Test for Mineral acid	FSSAI Manual of methods of Analysis of Foods, Fruit & Vegetable products. Method No:14.6
354	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles (Fruit, Vegetable, Egg, Fish & Meat)	Test for Synthetic food colour {Erythrosine (CI45430), Carmoisine (CI14720), Allura Red (CI 16035) Ponceau 4R (CI 16255), Sunset Yellow FCF (CI 15985), Tartrazine (CI 19140), Brilliant Blue FCF (CI 42090)}	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
355	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles (Fruits & Vegetables)	Sodium Chloride	FSSAI Manual of Methods of analysis of foods Fruit & vegetable Products, No: 1.7
356	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plantation while sugar, Refined sugar, Khandsari sugar, Bura sugar, Cube sugar, Misri	Sucrose	FSSAI Manual of Analysis of Beverages, Sugar and Sugar products & Confectionery products. Part A. Method No: 6.4
357	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Prepared Food	Test for Synthetic food colour	In-house Validated method :- RALE/FS(T)SOP-01.7/Issue No.01
358	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Prepared meat products	Synthetic colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01
359	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based complimentary food, Milk cereal based complimentary food, millet powders.	Crude Fibre	FSSAI manual of methods for dairy and dairy products: FSSAI 03.066
360	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses	Defects-Seeds with slight Defects	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03:003
361	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses-Masur, Urd, Moong, Chana, Chick pea, Arhar, Kulthi, Filed bean, Peas dry, Soy bean, Rajmah, Lobia, Moth bean (whole/shelled, split), food grains- Rice (Whole/Broken), Wheat (Whole/Broken), Maize, Jawar and other food grains, Unprocessed whole raw pulse, Oats	Extraneous matter (Including mineral matter & Animal origin)	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03:001 & 002
362	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses-Whole/Shelled/Split (Masur, Urd, Moong, Chana, chick pea, Arhar, Kulthi (horse gram), Filed bean, Peas dry, Soybean, Rajmah, Lobia, Moth bean	Defects-Seeds with serious defects	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI:03:003



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	33 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
363	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses-Whole/Shelled/Split(Masur,Urd,Moong,Chana,chick pea,Arhar,Kulthi(horse gram),Filed bean,Peas dry,Soybean,Rajmah,Lobia,Moth bean	Discoloured seeds	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No:FSSAI 03:003
364	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses-Whole/Shelled/Split(Masur,Urd,Moong,Chana,chick pea,Arhar,Kulthi(horse gram),Filed bean,Peas dry,Soybean,Rajmah,Lobia,Moth bean	Moisture	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03.006
365	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses-Whole/Shelled/Split(Masur,Urd,Moong,Chana,chick pea,Arhar,Kulthi(horse gram),Filed bean,Peas dry,Soybean,Rajmah,Lobia,Moth bean,Rice(whole and broken),Wheat(whole and broken),Maize,Jawar and other food grains.	Other edible pulses/grains	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03.003
366	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raisins	Foreign Matter	FSSAI Manual of methods of analysis of fruits & vegetable product
367	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined vegetable oils, Virgin coconut oil, Olive oil, [virgin, extra virgin ,refined, refined olive-pomace, olive pomace] Blended edible vegetable oil,Vanaspati,partially hydrogenated soya bean oil,partially hydrogenated & winterised soya bean oil,refined salseed fat	Moisture	FSSAI manual of methods of analysis of foods, Oils and Fats Method No. FSSAI 02 .001
368	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice	Chalky Kernels	Manual of Methods of analysis of Manual of methods of analysis of food, Cereal and Cereal products, FSSAI:03.003
369	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice	Heat damaged kernels	Manual of Methods of analysis of Manual of methods of analysis of food, Cereal and Cereal products,FSSAI:03.003
370	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice	Immature kernels	Manual of Methods of analysis of Manual of methods of analysis of food, Cereal and Cereal products, FSSAI:03.003
371	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Inorganic extraneous matter	Manual of Methods of analysis of Manual of methods of analysis of food, Cereal and Cereal products,FSSAI:03.003
372	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice	Kernels with pin point	Manual of Methods of analysis of Manual of methods of analysis of food, Cereal and Cereal products,FSSAI:03.003



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	34 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
373	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice	Organic Extraneous Matter	Manual of Methods of analysis of Manual of methods of analysis of food, Cereal and Cereal products,FSSAI:03.003
374	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	RICE	Weevilled kernels	Manual of Methods of analysis of Manual of methods of analysis of food, Cereal and Cereal products,FSSAI:03.003
375	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Lignoceric acid (C24:0)	AOCS Official Method, Ce 2-66
376	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran Oil	Linolelaidic acid (C18:2n6t)	AOCS Official Method, Ce 2-66
377	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Arachidic acid(C 20:0)	AOCS Official Method,Ce 2-66
378	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran oil	Behenic acid(C 22:0)	AOCS Official Method,Ce 2-66
379	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Cis-11-Eicosenoic acid (C20:1n9)	AOCS Official Method, Ce 2-66
380	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Elaidic acid (C18:1n9t)	AOCS Official Method, Ce 2-66
381	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Gamma Linolenic acid(C 18:3n6)	AOCS Official Method,Ce 2-66
382	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Lauric acid (C 12:0)	AOCS Official Method,Ce 2-66
383	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Linoleic acid(C 18:2n6c)	AOCS Official Method,Ce 2-66
384	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Linolenic acid(C 18:3n3)	AOCS Official Method,Ce 2-66
385	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Myristic acid(C 14:0)	AOCS Official Method,Ce 2-66



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	35 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
386	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Oleic acid(C 18:1n9c)	AOCS Official Method,Ce 2-66
387	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Palmitic acid(C 16:0)	AOCS Official Method,Ce 2-66
388	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Palmitoleic acid (C 16:1)	AOCS Official Method,Ce 2-66
389	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ricebran Oil	Stearic acid(C 18:0)	AOCS Official Method,Ce 2-66
390	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Roasted and ground Coffee, Soluble Coffee Powder,Coffee Chicory Mixture,Coffee products	Moisture	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS,BEVERAGES,SUGARS AND SUGAR PRODUCTS,Manual No:4,Method No:1.2
391	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rolled oats	Alcoholic acidity(with 90%alcohol)expressed as H2SO4	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No:FSSAI 03.015
392	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rolled oats	Ash Insoluble in dilute HCl	FSSAI Manual of methods of analysis cereals and cerealproductsFSSAI 03.012:
393	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rolled Oats	Crude Fibre	FSSAI manual of methods of analysis of cereals and cereal productsFSSAI 03.018
394	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rolled oats	Moisture	FSSAI Manual of methods for analysis of cereal and cereal productsFSSAI 03.006
395	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rolled Oats	Nitrogen content on dry basis	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03:017
396	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rolled oats	Total Ash	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03:011
397	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Bitterness expressed as direct reading of absorbance of picrocrocine at about 257 nm on dry basis	FSSAI Manual of Methods of analysis of foods,Spices Herbs and Condiments,No: 10.028



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	36 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
398	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Colouring strength expressed as direct reading of absorbance of 440 nm on dry basis	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments, No: 10.028
399	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Extraneous matter	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.026
400	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Floral waste	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.002
401	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Moisture & volatile matter	FSSAI Manual of Analysis of Herbs, Spices & Condiments: FSSAI 10.027
402	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Safranal expressed as direct reading of absorbance of 330 nm on dry basis	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments, No: 10.028
403	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Solubility in cold water	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.009
404	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt (including Common Salt, Iodised Salt & Double Fortified Salt)	Added Synthetic food colour {Erythrosine (CI 45430), Carmoisine (CI 14720), Allura Red (CI 16035) Ponceau 4R (CI 16255), Sunset Yellow FCF (CI 15985), Tartrazine (CI 19140), Brilliant Blue FCF (CI 42090)}	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01
405	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt (including Common Salt, Iodised Salt & Double Fortified Salt)	Calcium Carbonate	IS 7224, Annex F
406	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt (including Common Salt, Iodised Salt & Double Fortified Salt)	Iodine content	IS 7224, Annex H
407	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt (including Common Salt, Iodised Salt & Double Fortified Salt)	Magnesium Carbonate	IS 7224, Annex F
408	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt (including Common Salt, Iodised Salt & Double Fortified Salt)	Matter insoluble in water	IS: 7224, Annex C
409	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt (including Common Salt, Iodised Salt & Double Fortified Salt)	Matter soluble in water other than sodium chloride	IS: 7224, Annex E



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	37 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
410	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt (including Common Salt, Iodised Salt & Double Fortified Salt)	Sodium Chloride	IS 7224,Annex D
411	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Salt(including common salt,iodized salt,fortified salt)	Clay,grit and other extraneous adulterant and impurities	IS 7224
412	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Solvent extracted flour	Extraneous matter	RALE/FS(0)/SOP-01
413	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Solvent extracted flours	Insect,fungus,rodent hair and excreta	RALE/FS(0)/SOP-01
414	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice Powders & Spice products	Edible Common Salt	IS 1797
415	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spice Powders & Spice products	Test for Lead Chromate	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments,No: 10.033
416	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices whole(Cardamom, Chillies, Cinnamon, Cassia,Nutmeg, Cloves, Coriander, Cumin, Fennel, Fenugreek, Mustard, Pepper , Turmeric),Spice powders,Spice products.	Moisture	FSSAI Manual of Methods of Analysis of Spices & Condiments,Method.No:3
417	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Acid Insoluble Ash	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments,No: 10.007
418	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Added Synthetic Food Colour {Erythrosine (CI45430), Carmoisine (CI14720), Allura Red (CI 16035) Ponceau 4R (CI 16255), Sunset Yellow FCF (CI 15985), Tartrazine (CI 19140), Brilliant Blue FCF (CI 42090)}	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04:
419	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Alcohol soluble extract	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments,No: 10.010
420	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Calcium as Calcium oxide	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments,No: 10.011
421	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Cold water soluble extract	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments,No: 10.009



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	38 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
422	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Crude Fibre	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.039.
423	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Microscopic examination	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.039
424	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Non-volatile ether extract	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.012.
425	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Oil soluble colours (Sudan I,II,III & IV)	FSSAI Manual of methods of Analysis of Food & Food Additives-Method No:4.3
426	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Test for added Starch	FSSAI Manual of Simple Methods for testing of common adulterants in food; Method No. IV(6)
427	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Total ash	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.006
428	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Volatile oil content	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.013
429	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Water Insoluble Ash	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.008
430	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Spice products, Herbs & Condiments	Water Soluble Ash	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments, No: 10.008
431	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starchy food	Dirt, Visible mold growth, Extraneous matter	IS-4702
432	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starchy foods	Insect infestation, Live and dead insects	IS-6261
433	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Boiled Confectionery	Al Ash	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory), Sugar and sugar products and confectionery products. Method No. Part A-5



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	39 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
434	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Boiled Confectionery	Ash Sulphated (on salt free basis)	FSSAI manual for analysis of beverages (Coffee, Tea, Cocoa, Chicory), Sugar and sugar products and confectionery products. Method No.Part A-3
435	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionery, Lozenges, chewing gum and bubble gum, chocolates, Ice lollies ,cocoa powder and products, Ready to eat savoury snacks, Cakes and fine bakery products.	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04.2015
436	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar, Jaggery	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
437	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar, Khandsari sugar, Bura, Cube sugar	Moisture	FSSAI manual of methods of analysis of foods, Beverages, Sugar & Confectionery Products Method No. 7.2
438	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Linolenic Acid(C18:3n3)	AOCS Official Method, Ce 2-66
439	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Arachidic acid (C20:0)	AOCS Official Method, Ce 2-66
440	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Behenic acid (C22:0)	AOCS Official Method, Ce 2-66
441	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Cis-10-Heptadecenoic acid (C17:1)	AOCS Official Method, Ce 2-66
442	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	cis-11-Eicosenoic acid (C20:1n9)	AOCS Official Method, Ce 2-66
443	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Heptadecanoic acid (C17:0)	AOCS Official Method, Ce 2-66



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	40 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
444	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Lauric acid (C12:0)	AOCS Official Method, Ce 2-66
445	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Lignoceric acid (C24:0)	AOCS Official Method, Ce 2-66
446	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Linoleic Acid(C18: 2n 6c)	AOCS Official Method, Ce 2-66
447	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Myristic acid (C13:0)	AOCS Official Method, Ce 2-66
448	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Oleic Acid(C 18:1n9c)	AOCS Official Method, Ce 2-66
449	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower oil	Palmitic Acid(C 16:0)	AOCS Official Method, Ce 2-66
450	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Palmitoleic acid (C16:1)	AOCS Official Method, Ce 2-66
451	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Stearic Acid(C 18:0)	AOCS Official Method, Ce 2-66
452	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Synthetic vinegar & Brewed vinegar	Acidity	FSSAI manual of methods of analysis of foods, Fruits & Vegetable Products Method No. 14.5
453	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Synthetic vinegar & Brewed vinegar	Test for mineral acid	FSSAI manual of methods of analysis of foods, Fruits & Vegetable Products Method No. 14.6
454	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Synthetic/Fruit beverages ,Non-alcoholic carbonated, caffeinated & Non-carbonated water based flavored drinks,Wines,Alcoholic beverages.	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04.2015
455	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tapioca and sago flour	Moisture	FSSAI Manual of methods for analysis of cereal and cereal products FSSAI 03.006



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	41 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
456	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tapioca and Sago flour	Protein	FSSAI Manual of methods for analysis of cereal and cereal product, FSSAI 03.017
457	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tapioca and Sago flour	Total ash	FSSAI Manual of methods for analysis of cereal and cereal products FSSAI 03.011
458	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tapioca and Sago flour, Barley powder, solvent extracted flour	Crude Fibre	FSSAI Manual of methods for analysis of cereal and cereal products FSSAI 03.018
459	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tapioca and Sago flours	Ash insoluble in dil HCL	FSSAI Manual of methods for analysis of cereal and cereal products FSSAI 03.012
460	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Dead insects	FSSAI 04A.022:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory:
461	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Extraneous Matter	FSSAI 04A.022:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory:
462	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Insect fragments	FSSAI 04A.022:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory:
463	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Living insects	FSSAI 04A.022:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory:
464	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Microscopic examination	Pearson's Composition and Analysis of Foods 9th edition
465	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Moulds	FSSAI 04A.022:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
466	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Rodent contamination	FSSAI 04A.022:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory:
467	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Acid insoluble ash	FSSAI 04A.003:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	42 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
468	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Added Synthetic food colour {Erythrosine (CI45430), Carmoisine (CI14720), Allura Red (CI 16035) Ponceau 4R (CI 16255), Sunset Yellow FCF (CI 15985), Tartrazine (CI 19140), Brilliant Blue FCF (CI 42090)}	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
469	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Alkalinity of water soluble ash	FSSAI 04A.009:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
470	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Crude Fibre	FSSAI 04A.018:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
471	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Iron filings (mg/kg)	FSSAI 04A.021:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
472	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Total Ash	FSSAI 04A.003:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
473	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Water extract	FSSAI 04A.010:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
474	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Tea Products	Water Soluble Ash	FSSAI 04A.006:2023; Manual of Methods of Analysis of Foods. Beverages: Tea, Coffee, Chicory
475	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Thermally processed vegetable soups, Ready to eat vegetables, Thermally processed vegetables, Thermally processed vegetable juice, Thermally processed concentrated vegetable juice pulp/puree, Thermally processed tomato puree/paste, Soup powder, Vegetable juice, Concentrated vegetable juice, Tamarind pulp puree/concentrate. Vegetable-cereal flakes, Candied crystallized glazed vegetable/rhizome, Vegetable sauce, Dehydrated/frozen vegetables, Frozen curried vegetables, Vegetable chutney, Vegetable pickles, fried vegetable.	Benzoate as Benzoic acid	Inhouse validated method- RALE/FS(QC)/SOP/01.01
476	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Thermally processed vegetable soups, Ready to eat vegetables, Thermally processed vegetables, Thermally processed vegetable juice, Thermally processed concentrated vegetable juice pulp/puree, Thermally processed tomato puree/paste, Soup powder, Vegetable juice, Concentrated vegetable juice, Tamarind pulp puree/concentrate. Vegetable-cereal flakes, Candied crystallized glazed vegetable/rhizome, Vegetable sauce, Dehydrated/frozen vegetables, Frozen curried vegetables, Vegetable chutney, Vegetable pickles, fried vegetable.	Sorbate as Sorbic acid	Inhouse validated method- RALE/FS(QC)/SOP/01.01



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	43 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
477	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Thermally processed- canned vegetables/curried vegetables, thermally processed vegetable soups, Canned fruit.	Benzoate as Benzoic acid	In-house validated method- RALE/FS(QC)/SOP/01.01.2019
478	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Thermally processed- canned vegetables/curried vegetables, thermally processed vegetable soups, Canned fruit.	Sorbate as Sorbic acid	In-house validated method- RALE/FS(QC)/SOP/01.01
479	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Til oil, Olive oil (Virgin, extra virgin, refined), Safflower oil, Mustard oil, ground nut oil, cotton seed oil, Niger seed oil	B.T.T.T	Manual of Methods of Analysis of Oils & Fats Method No: FSSAI 02.012:
480	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toned Milk, Double Toned Milk, Standardized Milk, Cow milk, Buffalo Milk	Test for neutralizers	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.012
481	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toned Milk, Double Toned Milk, Standardized Milk, Cow milk, Buffalo Milk,Curd/Flavoured milk	Test for starch	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.003
482	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toned Milk, Double Toned Milk, Standardized Milk, Cow milk, Buffalo Milk,Curd/Flavoured milk	Test for sugar	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.002
483	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toned Milk, Double Toned Milk, Standardized Milk, Cow milk, Buffalo Milk,Milk	Solid not fat	FSSAI Manual of methods for analysis of Dairy and Dairy products:FSSAI:01.025
484	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toned Milk,Double Toned Milk Standardized Milk Cow milk Buffalo Milk,Milk	Fat	IS 1224 Part I
485	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Total Starch	FSSAI Manual of methods of analysis of spices herbs and condiments method No : 10.032
486	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Powder	Colouring power expressed as Curcuminoid content(on dry basis)	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments,No: 10.031
487	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Whole	Defective Rhizomes	FSSAI Manual of Analysis of Herbs,Spices & Condiments: FSSAI 10.002
488	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric whole,Turmeric powder	Test for Lead Chromate	FSSAI Manual of Methods of analysis of foods, Spices Herbs and Condiments,No: 10.033
489	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vanaspati	Trans Fatty Acids	AOCS Official Method,Ce 2-66



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	44 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
490	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetables, Chips, Prepared vegetable products	Synthetic colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01
491	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vinegar, Flavoring agents	Synthetic food colour Erythrosine (CI45430) Carmoisine (CI14720) Ponceau (CI 16255) Sunset Yellow FCF (CI 15985) Tartrazine (CI 19140) Brilliant Blue FCF (CI 42090) Allura Red (CI 16035)	In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04
492	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat(Whole/Broken),Rice(Whole/Broken),Maize,Jawar,Dur um wheat,Finger millet and any other food grains	Damaged Grains	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No:FSSAI 03:003
493	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat(Whole/Broken),Rice(Whole/Broken),Maize,Jawar,Dur um wheat,Finger millet and any other food grains	Moisture	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03.006
494	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat(Whole/Broken),Rice(Whole/Broken),Maize,Jawar,Dur um wheat,Finger millet and any other food grains	Other edible grains	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03.003
495	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat(Whole/Broken),Rice(Whole/Broken),Maize,Jawar,Dur um wheat,Finger millet and any other food grains	Weevilled grains	FSSAI Manual of Methods of analysis of Cereals and Cereal products, Method No: FSSAI 03.003
496	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat(Whole/Broken),Rice(Whole/Broken),Maize,Jawar,Dur um wheat,Finger millet and any other food grains Pulses - Whole/shelled/split(Masur,Urd,Moong,Chana,Chick pea,Arhar,Kulthi(horse gram),Field bean, Peas dry,Soybean,Rajmah,Lobia,Moth bean,Biscuits & Bread, Atta,Fortified atta,Maida,Fortified Maida,Semolina(suji,rava),Protein rich atta,Protein rich Maida,Besan, Corn flour / Custard powder /Corn Flakes, Macaroni products / Instant noodles, Rice Powder, Processed cereal based complimentary food,Milk cereal based complimentary food, Rolled oats, Infant foods, Malted milk food / Malt based food, Nuts,dry fruits	Dead/Living Insects	IS 6261



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	45 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
497	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat(Whole/Broken),Rice(Whole/Broken),Maize,Jawar,Dur um wheat,Finger millet and any other food grains Pulses- Whole/Shelled/Split(Masur,Urd,Moong,Chana,chick pea,Arhar,Kulthi(horse gram),Filed bean,Peas dry,Soybean,Rajmah,Lobia,Moth bean,Biscuits & Bread, Atta,Fortified atta,Maida,Fortified Maida,Semolina(suji,rava),Protein rich atta,Protein rich Maida,Besan, Corn flour / Custard powder /Corn Flakes, Macaroni products / Instant noodles, Rice Powder, Processed cereal based complimentary food,Milk cereal based complimentary food, Rolled oats, Infant foods, Malted milk food / Malt based food, Nuts,dry fruits	Insect Fragments& Rodent contamination	IS 6261
498	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereal and cereal products.	Lead as Pb	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5:
499	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals (whole and powder)	Aflatoxin G2	FSSAI Manual of Foods- Mycotoxins,Method No:FSSAI.07.009
500	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals and cereal products	Copper as Cu	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5:
501	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals and cereal products.	Cadmium as Cd	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5:
502	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Acephate	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
503	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Acetamiprid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
504	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Anilofos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
505	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Atrazine	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
506	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Bentazone	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
507	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Buprofezin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	46 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
508	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Carbendazim	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
509	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Carbofuran	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
510	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Chlorantraniliprole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
511	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Chlorfluzuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
512	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Chlorpyrifos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
513	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	clothianidin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
514	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Difenoconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
515	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Diflubenzuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
516	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Dimethoate	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
517	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Dinotefuran	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
518	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Edifenphos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
519	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Ethion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
520	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Etofenprox	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
521	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Fenobucarb	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	47 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
522	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Fenoxaprop-p-ethyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
523	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Fipronil	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
524	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Flonicamid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
525	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Flubendiamide	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
526	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Hexaconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
527	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Imazethapyr	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
528	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Imidacloprid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
529	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Isoprothiolane	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
530	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Isoproturon	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
531	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Kresoxim methyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
532	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Malathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
533	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Metalaxyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
534	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Methomyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
535	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Metribuzin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	48 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
536	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Monocrotophos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
537	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Oxadiargyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
538	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Oxadiazon	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
539	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Oxydematon methyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
540	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Oxyfluorfen	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
541	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Pencycuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
542	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Pendimethalin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
543	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Penoxsulam	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
544	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Picoxystrobin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
545	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Pretilachlor	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
546	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Propanil	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
547	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Pyraclostrobin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
548	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Quizalofop ethyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
549	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Tebuconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	49 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
550	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Thiacloprid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
551	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Thiamethoxam	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
552	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Tricyclazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
553	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole & ground)	Trifloxystrobin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
554	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Aflatoxin B1	FSSAI Manual of Foods- Mycotoxins, Method No:FSSAI.07.009
555	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Aflatoxin G1	FSSAI Manual of Foods- Mycotoxins, Method No:FSSAI.07.009
556	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Alpha Endosulfan	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
557	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Beta Endosulfan	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
558	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Beta HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
559	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Bifenthrin	AOAC Official Methods of analysis, 22 nd Edition, chapter 10.1.04
560	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Delta HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
561	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Deltamethrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
562	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Ethion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
563	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Fenpropathrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	50 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
564	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Fenthion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
565	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Gamma HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
566	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Heptachlor	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
567	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Malathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
568	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Methyl parathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
569	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	o,p-DDD	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
570	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	o,p-DDT	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
571	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	op DDE	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
572	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	p,p DDE	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
573	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Permethrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
574	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Quinalphos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
575	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals(whole and powder)	Total Aflatoxins(G2+G1+B2+B1)	FSSAI Manual of Foods- Mycotoxins, Method No:FSSAI.07.009
576	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Cereals (whole and powder)	Aflatoxin B2	FSSAI Manual of Foods- Mycotoxins, Method No:FSSAI.07.009
577	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Acephate	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	51 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
578	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Acetamiprid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
579	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Alpha Endosulfan	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
580	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Anilofos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
581	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Atrazine	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
582	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Bentazone	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
583	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Beta Endosulfan	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
584	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Beta HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
585	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Bifenthrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
586	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Buprofezin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
587	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Carbendazim	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
588	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Carbofuran	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
589	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Chlorantraniliprole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
590	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Chlorfluzuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
591	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Chlorpyrifos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	52 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
592	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Chlothianidin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
593	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Cypermethrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
594	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	delta HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
595	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Deltamethrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
596	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Difenoconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
597	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Diflubenzuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
598	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Dimethoate	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
599	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Dimethoate	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
600	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Dinotefuran	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
601	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Edifenphos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
602	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Ethion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
603	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Ethion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
604	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Etofenprox	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
605	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Fenobucarb	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	53 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
606	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Fenoxaprop-p-ethyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
607	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Fenpropathrin	AOAC 22nd Edition, Chapter 10.1.04
608	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Fenthion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
609	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Fipronil	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
610	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Flonicamid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
611	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Flubendiamide	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
612	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	gamma HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
613	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Heptachlor	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
614	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Hexaconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
615	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Imazethapyr	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
616	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Imidacloprid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
617	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Isoprothiolane	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
618	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Isoproturon	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
619	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Kresoxim-methyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	54 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
620	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Malathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
621	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Malathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
622	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Metalaxyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
623	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Methomyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
624	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Methyl parathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
625	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Metribuzin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
626	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Monocrotophos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
627	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	o,p-DDD	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
628	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	o,p-DDE	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
629	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	o,p-DDT	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
630	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Oxadiargyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
631	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Oxadiazon	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
632	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Oxydemeton methyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
633	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Oxyfluorfen	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	55 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
634	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	p,p-DDE	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
635	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh Vegetables	Pencycuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
636	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Pendimethalin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
637	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Penoxsulam	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
638	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Permethrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
639	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Picoxystrobin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
640	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Pretilachlor	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
641	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Propanil	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
642	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Pyrachlostrobin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
643	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Quinalphos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
644	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Quizalofop ethyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
645	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Tebuconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
646	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Thiacloprid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
647	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Thiamethoxam	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	56 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
648	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Tricyclazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
649	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fresh vegetables	Trifloxystrobin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
650	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Milk	Aflatoxin M1	FSSAI Manual of Methods of Analysis of Foods-Mycotoxins-Method No:FSSAI.07.014
651	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Pulses	Cadmium	FSSAI Manual of analysis of Foods-Metals,Method No:5,
652	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Pulses	Copper	FSSAI Manual of analysis of Foods-Metals,Method No:5,
653	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Pulses	Lead	FSSAI Manual of analysis of Foods-Metals,Method No:5,
654	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Pulses(whole and ground)	Aflatoxin G2	FSSAI Manual of Foods-Mycotoxins,Method No:FSSAI.07.009
655	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Pulses(whole and powder)	Aflatoxin B1	FSSAI Manual of Foods-Mycotoxins,Method No:FSSAI.07.009
656	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Pulses(whole and powder)	Aflatoxin B2	FSSAI Manual of Foods-Mycotoxins,Method No:FSSAI.07.009
657	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Pulses(whole and powder)	Aflatoxin G1	FSSAI Manual of Foods-Mycotoxins,Method No:FSSAI.07.009
658	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Pulses(whole and powder)	Total Aflatoxins (G1+G2+B1+B2)	FSSAI Manual of Foods-Mycotoxins,Method No:FSSAI.07.009
659	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Barium as Ba	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
660	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Beta Endosulfan	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
661	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Beta HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	57 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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662	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Bifenthrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
663	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Cadmium as Cd	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
664	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Chromium as Cr	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
665	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Cobalt as Co	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
666	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Copper as Cu	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
667	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Delta HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
668	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Deltamethrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
669	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Dimethoate.	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
670	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Ethion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
671	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Fenpropathrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
672	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Fenthion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
673	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Gallium as Ga	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
674	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	gamma HCH	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
675	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Heptachlor	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	58 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
676	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Indium as In	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
677	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Lead as Pb	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
678	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Malathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
679	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Methyl Parathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
680	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Nickel as Ni	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
681	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	o,p-DDD	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
682	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	o,p-DDE	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
683	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	o,p-DDT	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
684	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	p,p-DDE	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
685	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Permethrin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
686	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Quinalphos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
687	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Silver as Ag	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
688	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole & ground)	Titanium as Ti	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
689	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole and powder),Nuts	Aflatoxin B2	FSSAI Manual of methods of analysis of Foods-Mycotoxins, Method: 07.009



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	59 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
690	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole and powder),Nuts	Aflatoxin G1	FSSAI Manual of methods of analysis of Foods-Mycotoxins, Method: 07.009
691	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole and powder),Nuts	Aflatoxin G2	FSSAI Manual of methods of analysis of Foods-Mycotoxins, Method :07.009
692	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices (whole and powder),Nuts	Total Aflatoxins(G2+G1+B2+B1)	FSSAI Manual of methods of analysis of Foods-Mycotoxins, Method: 07.009
693	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	clothianidin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
694	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Acephate	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
695	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Anilofos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
696	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Atrazine	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
697	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Bentazone	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
698	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Buprofezin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
699	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Carbendazim	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
700	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Carbofuran	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
701	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Chlorantraniliprole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
702	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Chlorfluazuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
703	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Difenoconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	60 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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704	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Diflubenzuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
705	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Dinotefuran	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
706	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Edifenphos	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
707	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Etofenprox	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
708	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Fenobucarb	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
709	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Fenoxaprop-p-ethyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
710	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Fipronil	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
711	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Flonicamid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
712	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Flubendiamide	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
713	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Hexaconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
714	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Imazethapyr	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
715	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Imidacloprid	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
716	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Isoprothiolane	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
717	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Isoproturon	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	61 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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718	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Kresoxim methyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
719	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Malathion	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
720	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Metalaxyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
721	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Methomyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
722	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Metribuzin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
723	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Oxadiazon	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
724	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Oxadiargyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
725	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Oxydemeton methyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
726	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Oxyfluorfen	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
727	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Pencycuron	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
728	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Pendimethalin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
729	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Penoxsulam	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
730	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Picoxystrobin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
731	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Pretilachlor	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	62 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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732	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Propanil	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
733	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Pyraclostrobin	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
734	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Quizalofop ethyl	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
735	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Tebuconazole	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
736	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & ground)	Alpha Endosulfan	Official methods of analysis of AOAC international 22nd edition, Chapter 10.1.04
737	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices(whole & powder),Nuts	Aflatoxin B1	FSSAI Manual of methods of analysis of Foods-Mycotoxins, Method: 07.009
738	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Synthetic Vinegar	Cadmium as Cd	FSSAI Manual of analysis of Foods-Metals,Method No:5,
739	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Synthetic Vinegar	Copper as Cu	FSSAI Manual of analysis of Foods-Metals,Method No:5,
740	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Synthetic Vinegar	Lead as Pb	FSSAI Manual of analysis of Foods-Metals,Method No:5,
741	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Copper as Cu	FSSAI Manual of methods of Analysis of Foods-Metals,Method No:05
742	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Lead as Pb	FSSAI Manual of Methods of Analysis-Metals,Method No:05
743	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Vanaspati	Metal-Nickel	FSSAI Manual of Methods of Analysis of Foods-Metals, Method No:5
744	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Aluminum as Al	American Public Health Association (APHA) Part 3120 B,24 th edition
745	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Barium as Ba	American Public Health Association (APHA) Part 3120 B,24 th edition
746	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Boron as B	American Public Health Association (APHA) Part 3120 B,24 th edition



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	63 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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747	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Cadmium as Cd	American Public Health Association (APHA) Part 3120 B,24 th edition
748	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Calcium as Ca	American Public Health Association (APHA) Part 3120 B,24 th edition
749	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Chromium as Cr	American Public Health Association (APHA) Part 3120 B,24 th edition
750	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Cobalt as Co	American Public Health Association (APHA) Part 3120 B,24 th edition
751	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Copper as Cu	American Public Health Association (APHA) Part 3120 B,24 th edition
752	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Iron as Fe	American Public Health Association (APHA) Part 3120 B,24 th edition
753	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Lead as Pb	American Public Health Association (APHA) Part 3120 B,24 th edition
754	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Magnesium as Mg	American Public Health Association (APHA) Part 3120 B,24 th edition
755	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Manganese as Mn	American Public Health Association (APHA) Part 3120 B,24 th edition
756	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Nickel as Ni	American Public Health Association (APHA) Part 3120 B,24 th edition
757	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Silver as Ag	American Public Health Association (APHA) Part 3120 B,24 th edition
758	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Sodium as Na	American Public Health Association (APHA) Part 3120 B,24 th edition
759	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Strontium as Sr	American Public Health Association (APHA) Part 3120 B,24 th edition
760	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Thalium as Tl	American Public Health Association (APHA) Part 3120 B,24 th edition



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	REGIONAL ANALYTICAL LABORATORY, KAKKANAD, ERNAKULAM, KOCHI, KERALA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6793	Page No	64 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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
761	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water, Mineral water, Water from purifiers.	Zinc as Zn	American Public Health Association (APHA) Part 3120 B, 24 th edition
762	CHEMICAL- WATER	Drinking Water	Alkalinity (as CaCO ₃)	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
763	CHEMICAL- WATER	Drinking Water	Ammonia	APHA, 4500 NH ₃ F, 24 th edition
764	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	APHA, 3500 Ca, 24 th Edition
765	CHEMICAL- WATER	Drinking Water	Chloride (as Cl ⁻)	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
766	CHEMICAL- WATER	Drinking Water	Fluoride(as F ⁻)	APHA, 4500 F-, 24 th Edition
767	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	APHA, 3500 Fe B 24 th Edition
768	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	APHA, 3500 Mg, 24 th Edition
769	CHEMICAL- WATER	Drinking Water	Nitrate (as NO ₃ ⁻)	APHA, 4500 NO ₃ - B, 24 th Edition
770	CHEMICAL- WATER	Drinking Water	Nitrite (as NO ₂ ⁻)	APHA, 4500 NO ₂ - B, 24 th Edition
771	CHEMICAL- WATER	Drinking Water	pH	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
772	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025:Part 26
773	CHEMICAL- WATER	Drinking Water	Sulphate (as SO ₄ 2 ⁻)	Official Methods of AOAC, Volume I, Method No: 973.57, 22 nd Edition
774	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
775	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO ₃)	APHA ,2340C, 24 th Edition



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776	CHEMICAL- WATER	Drinking Water	Turbidity	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
777	CHEMICAL- WATER	Ground Water	Alkalinity (as CaCO ₃)	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
778	CHEMICAL- WATER	Ground water	Ammonia	American Public Health Association (APHA) 4500 F, 24 th edition
779	CHEMICAL- WATER	Ground Water	Calcium (as Ca)	APHA, 3500 Ca, 24 th Edition
780	CHEMICAL- WATER	Ground Water	Chloride (as Cl ⁻)	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
781	CHEMICAL- WATER	Ground Water	Fluoride (as F ⁻)	APHA, 4500 F, 24 th Edition
782	CHEMICAL- WATER	Ground water	Iron as Fe	American Public Health Association (APHA) 3500 Fe B, 24 th edition
783	CHEMICAL- WATER	Ground Water	Magnesium (as Mg)	APHA, 3500 Mg, 24 th Edition
784	CHEMICAL- WATER	Ground Water	Nitrate (as NO ₃ ⁻)	APHA, 4500 NO ₃ -B, 24 th Edition
785	CHEMICAL- WATER	Ground Water	Nitrite (as NO ₂ ⁻)	APHA, 4500 NO ₂ -B, 24 th Edition
786	CHEMICAL- WATER	Ground Water	pH	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
787	CHEMICAL- WATER	Ground Water	Residual Free Chlorine	IS 3025 : Part 26
788	CHEMICAL- WATER	Ground Water	Sulphate (as SO ₄ ²⁻)	Official Methods of AOAC, Volume I, Method No: 973.57, 22 nd Edition
789	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
790	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO ₃)	APHA, 2340 C, 24 th Edition



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Certificate Number	TC-6793	Page No	66 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

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791	CHEMICAL- WATER	Ground Water	Turbidity	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
792	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity (as HCO ₃ -)	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
793	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca.	APHA,3500 Ca,24 th Edition
794	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
795	CHEMICAL- WATER	Packaged Drinking Water	Fluoride (as F-)	APHA,4500 F-,24 th Edition
796	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg.	APHA ,3500 Mg,24 th Edition
797	CHEMICAL- WATER	Packaged Drinking Water	Nitrate (as NO ₃ -)	APHA,4500 NO ₃ -B,24 th Edition
798	CHEMICAL- WATER	Packaged Drinking Water	Nitrite (as NO ₂ -)	APHA,4500 NO ₂ -B,24 th Edition
799	CHEMICAL- WATER	Packaged Drinking Water	pH	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
800	CHEMICAL- WATER	Packaged Drinking Water	Residual free chlorine	IS 3025 : Part 26
801	CHEMICAL- WATER	Packaged Drinking Water	Sulphate (as SO ₄ 2-)	Official Methods of AOAC, Volume I,Method No: 973.57, 22 nd Edition
802	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
803	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness (as CaCO ₃)	APHA,2340C,24 th Edition
804	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA



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805	CHEMICAL- WATER	Water from purifiers	Alkalinity (as CaCO ₃)	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
806	CHEMICAL- WATER	Water from purifiers	Ammonia	American Public Health Association (APHA)4500 F,24 TH EDITION
807	CHEMICAL- WATER	Water from purifiers	Calcium (as Ca)	APHA,3500 Ca,24th Edition
808	CHEMICAL- WATER	Water from purifiers	Chloride (as Cl ⁻)	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
809	CHEMICAL- WATER	Water from purifiers	Fluoride (as F ⁻)	APHA,4500 F,24th Edition
810	CHEMICAL- WATER	Water from purifiers	Iron as Fe	American Public Health Association (APHA) 3500 Fe B,24 th edition
811	CHEMICAL- WATER	Water from purifiers	Magnesium (as Mg)	APHA,3500 Mg,24 th Edition
812	CHEMICAL- WATER	Water from purifiers	Nitrate(as NO ₃ ⁻)	APHA,4500 NO ₃ -B,24th Edition
813	CHEMICAL- WATER	Water from purifiers	Nitrite (as NO ₂ ⁻)	APHA,4500 NO ₂ -B,24th Edition
814	CHEMICAL- WATER	Water from purifiers	pH	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
815	CHEMICAL- WATER	Water from purifiers	Residual Free Chlorine	IS 3025 : Part 26
816	CHEMICAL- WATER	Water from purifiers	Sulphate (as SO ₄ 2 ⁻)	Official Methods of AOAC, Volume I,Method No: 973.57, 22 nd Edition
817	CHEMICAL- WATER	Water from purifiers	Total Dissolved Solids	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
818	CHEMICAL- WATER	Water from purifiers	Total Hardness(as CaCO ₃)	APHA,2340 C,24 th Edition
819	CHEMICAL- WATER	Water from Purifiers	Turbidity	MANUAL OF METHODS OF ANALYSIS OF FOODS - WATER. FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA



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Certificate Number	TC-6793	Page No	68 of 68
Validity	23/11/2023 to 22/11/2025	Last Amended on	01/12/2023

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.

