National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, FOOD PARK, BODHJUNGNAGAR, AGARTALA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5959 **Page No** 1 of 4

Validity 06/03/2022 to 05/03/2024 **Last Amended on** 13/03/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Alcoholic Acidity as H2SO4 (on Dry Weight Basis)	FSSAI Manual (Cereal and Cereal Products), Section 8.5
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Ash Insoluble in Dil. HCl (on Dry Weight Basis)	FSSAI Manual (Cereal and Cereal Products), Section 8.3
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten Content(on Dry Weight Basis)	FSSAI Manual (Cereal and Cereal Products), Section 8.4
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture Content	FSSAI Manual (Cereal and Cereal Products), Section 8.1
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash (on Dry Weight Basis)	FSSAI Manual (Cereal and Cereal Products), Section 8.2
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acidity of Extracted Fat (as Oleic acid)	FSSAI Manual (Cereal and Cereal Products), Section 14.5
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Ash Insoluble in dil HCl (on Dry Basis)	FSSAI Manual (Cereal and Cereal Products), Section 14.4
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Moisture	FSSAI Manual (Cereal and Cereal Products), Section 14.3
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Test for Salt	IS 7224
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Test for Starch	FSSAI Manual (Cereal and Cereal Products)
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Test Sugar	FSSAI Lab Manual
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Test for Salt	IS 7224
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Test for Starch	FSSAI Manual (Cereal and Cereal Products)

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Test for Sugar	FSSAI Lab. Manual
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Ash insoluble in dil. HCl (on Dry Weight Basis)	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.007
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Moisture Content	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.001
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Total Ash(on Dry Weight Basis)	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.006
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Ash insoluble in dil. HCl (on Dry Weight Basis)	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.007
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Moisture Content	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.001
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Total Ash(on Dry Weight Basis)	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.006
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodised Salt	Iodine Content (on Dry Weight Basis)	IS 7224, Annexure H
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodised Salt	Matter Insoluble in Water (on Dry Weight Basis)	IS 7224 Annexure C
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodised Salt	Matter Soluble in Water Other than NaCl (on Dry Weight Basis)	IS 7224 Annexure E
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodised Salt	Moisture	IS 7224 Annexure A
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodised Salt	Sodium Chloride (on Dry Weight Basis)	IS 7224 Annexure D

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26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plantation white sugar	Moisture	FSSAI Lab. Manual
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Plantation white sugar	Total Sugar As Sucrose (% by Weight)	FSSAI Lab. Manual , Section 7.4
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary, Lozenges, Chewing gum, bubble gum, Ice Lollies and Edible Ices	Ash Insoluble (in dil. HCl)	FSSAI Lab. Manual ,Section A.5
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary, Lozenges, Chewing gum, bubble gum, Ice Lollies and Edible Ices	Ash Sulphated (on Salt free basis)	FSSAI Lab. Manual , Section A.4
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary, Lozenges, Chewing gum, bubble gum, Ice Lollies and Edible Ices	Test for Salt	IS 7224
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary, Lozenges, Chewing gum, bubble gum, Ice Lollies and Edible Ices	Test for Sugar	FSSAI Lab. Manual
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Cubes	Moisture	FSSAI Lab. Manual , Section 7.2
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Cubes	Total Ash (% by Weight)	FSSAI Lab. Manual , Section 7.3
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Cubes	Total Sugar As Sucrose (% by Weight)	FSSAI Lab. Manual , Section 7.4
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Ash insoluble in dil. HCl (on Dry Weight Basis)	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.007
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Moisture Content	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.001
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Total Ash(on Dry Weight Basis)	Manual of Methods of Analysis of Foods (Spices Herbs and Condiments), Method No. FSSAI 10.006
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.009

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39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Butyro-refractometer reading at 40 degree Centigrade	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.003
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Cloud Point	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.015
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Determination of Rancidity - Kries Test	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.043
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.010
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture Content	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.001
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Polybromide test for Mustard Oil	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.018
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.007
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for presence of Linseed Oil (Hexabromide test)	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.017
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for presence of Mineral Oil – Holde's method	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.029
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for presence of Sesame Oil (Baudouin test)	Manual of Methods of Analysis of Foods (Oils and Fats) FSSAI 02.013
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Moisture	FSSAI Lab. Manual , Section 7.2
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Total Sugar As Sucrose (% by Weight)	FSSAI Lab. Manual , Section 7.4