National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STATE FOOD TESTING LABORATORY, ODISHA, BHUBANESWAR, CONVENT SQUARE, KHARVEL NAGAR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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	FSSAI manual for Cereal & Cereal Products, 2016, 8.5
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten content	FSSAI manual for cereal and cereal products,2016, 8.4
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash	FSSAI manual for cereal and cereal products,2016, 8.2
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acidity of extracted fat as Oleic Acid.	FSSAI manual for Cereal and Cereal Products, 2016, 14.5
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Added colour	FSSAI manual for food additives 2016, 4.2.5
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Ash Insoluble in dil. HCl	FSSAI manual for Cereal & Cereal Products, 2016, 14.4 & 15.4
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Alcoholic Acidity	FSSAI manual for Cereal & Cereal Products, 2016 ,15.3
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Moisture	FSSAI manual for Cereal & Cereal Products, 2016, 15.2
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bura	Ash insoluble in dil. HCl	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, 8.1
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Immature & Shrivelled Capsules	FSSAI manual for Spices & Condiments, 2016, 2.0
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Light Seed	FSSAI manual for Spices & Condiments, 2016, 2.0
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Broken Fruit, Seed & Fragment	FSSAI manual for Spices & Condiments, 2016, 2.0
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Extraneous Matter	FSSAI manual for spices & Condiments, 2016, 2.0

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Insect Damaged Matter	FSSAI manual for Spices & Condiments, 2016, 2.0
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Non-volatile ether extract	FSSAI manual for Spices & Condiments, 2016, 9.0
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Unriped & Marked Fruit	FSSAI manual for Spices & Condiments, 2016, 2.0
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Tendril, Mother Clove	FSSAI manual for Spices & Condiments, 2016, 2.0
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Free Fatty Acid	FSSAI Manual for Milk & Milk Product, 2016, 13.4
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	FSSAI Manual for Milk and Milk Products, 2016, 13.2
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity	FSSAI manual for Beverages, Sugars and Confectonery Products, 2015, 6.8
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, 6.7
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Ammonium Compound	FSSAI manual for milk and milk products Method :1.2.5.1
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Fat (Rose-Gottilieb) Method	FSSAI manual for milk and milk products 2016,1.3.4
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Fat (Werne-Schimidtz Method)	FSSAI manual for Milk and Milk Products, 2016, 1.3.4

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25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Formaldehyde	FSSAI manual for milk and milk products 2016,1.2.17.1
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Hydrogen peroxide	FSSAI manual for milk and milk products 2016,1.2.8.1
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Milk Solids Not Fat	FSSAI manual for Milk and Milk Product, 2016 By Calculation
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Neutraliser	FSSAI manual for milk and milk products 2016,1.2.11
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Nitrate	FSSAI manual for milk and milk products 2016, 1.2.10
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Sodium chloride	FSSAI manual for for milk and milk products 2016,1.2.8
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Starch	FSSAI manual for milk and milk products 2016,1.2.2.1
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Sucrose	FSSAI manual for milk and milk products 2016,1.2.1
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Sulphate	FSSAI manual for milk and milk products 2016,1.2.6

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34	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 for Milk and Milk Product, 2016, 1.3.3
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Urea	FSSAI manual for milk and milk products 2016,1.2.4.1
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Acid Value (Mustard Oil)	FSSAI manual for Oils & Fat, 2016, 11.0
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Baudouin	FSSAI manual for oils and fats 2016, 15.0
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Rancidity (Kries Test)	FSSAI manual for oil and fats 2016,38.2
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Saponification Value (Mustard Oil)	FSSAI manual for Oils & Fats, 2016, 9.0
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Others	Moisture (Soup Powder)	FSSAI manual for Fruit & Vegetable Products,2016, 4.1
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Added colour	FSSAI manual for food additives 2016, 4.2.5
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Ash insoluble in di.HCl	FSSAI manual for cereal and cereal products,2016, 8.3
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Damaged Grains	FSSAI manual for cereal and cereal products,2016,1.4
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Extraneous matter (Foreign matter)	FSSAI manual for cereal and cereal products,2016,1.2
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Impurities of animal origin	FSSAI manual for cereal and cereal products,2016,1.4

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46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Mineral Matter	FSSAI manual for Cereal & Cereal Products, 2016, 1.3
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Moisture	FSSAI manual for cereal and cereal products, 2016, 8.1
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Rodent hair excreta	FSSAI manual for cereal and cereal products,2016,1.4
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Weevilled grains	FSSAI manual for cereal and cereal products ,2016,1.4
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses (Split Arhar Dal)	Other edible grains	FSSAI manual for cereal and cereal product,2016,1.4
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Khesari	FSSAI manual for cereal and cereal products,2016
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary, Lozenges, Chewing gum, bubble gum, Ice Lollies and Edible Ices	Added Colour	FSSAI manual for Food Additives, 2016, 4.2.5
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary, Lozenges, Chewing gum, bubble gum, Ice Lollies and Edible Ices	Ash insoluble in dil. HCl	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, A.5
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar boiled confectionary, Lozenges, Chewing gum, bubble gum, Ice Lollies and Edible Ices	Sulphated Ash	FSSAI manual for Beverage, Sugars & Confectionery Products, 2015, A.3s
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Acid insoluble Ash	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, 1.5
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Alkalinity of Soluble Ash	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, 1.6
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Moisture	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, 1.2
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Total Ash	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, 1.3
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water Soluble Ash	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, 1.4

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60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Added Colour	FSSAI manual for Food Additives, 2016, 4.2.5
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Ash insoluble in dil. HCl	FSSAI manual for Spices & Condiments, 2016, 5.0
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Presence of Chromate	FSSAI manual for Spices & Condiments, 2016, 16.6
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Total Ash	FSSAI manual for Spices & Condiments, 2016, 4.0
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Mineral oil (Holde Test)	FSSAI manual for oil and fat 2016, 28.0
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture	FSSAI manual for Oil & Fats, 2016, 3.0
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Vitamin A	FSSAI manual for oil and fat 2016, 36.0
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetables	Added colour	FSSAI manual for Food Additives, 2016, 4.2.5
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Moisture	FSSAI manual for Beverages, Sugars & Confectionery Products, 2015, 7.2
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Total Ash	FSSAI manual for Beverages, Sugars and Confectionery Products, 7.3, 2015