National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STATE FOOD TESTING LABORATORY, FOOD AND DRUGS ADMINISTRATION, BHOPAL, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 21/05/2021 to 20/05/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Alcoholic acidity	FSSAI lab manual of cereals, pulses & cereal product- 2016, method no.8.5
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten	FSSAI lab manual of cereals, pulses & cereal product- 2016, method no. 8.4
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture	FSSAI lab manual of cereals, pulses & cereal product- 2016, method no. 8.1
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total ash (on O.D basis)	FSSAI lab manual of cereals, pulses & cereal product- 2016, method no. 8.2
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli Powder.	Total Ash	FSSAI Lab Manual Herbs, Spices & Condiments : 2015 Method no. 4.0
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli Powder.	Moisture	FSSAI lab manual herbs, Spices & Condiments : 2015 method no. 3.0
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli Powder.	Ash Insoluble in Dil. HCL	FSSAI lab manual herbs, spices & condiments : 2015 method no. 5.0
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder	Non volatile ether extract	FSSAI lab manual herbs, Spices & condiments :2015 method no. 9.0
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Ash insoluble in HCl	FSSAI lab manual herbs, spices & condiments : 2015 method no. 5.0: 2020
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Moisture	FSSAI lab manual herbs, Spices & Condiments : 2015 method no. 3.0: 2020
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Moisture	FSSAI lab manual herbs, Spices & Condiments : 2015 method no. 3.0: 2020
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Total ash	FSSAI Lab Manual Herbs, Spices & Condiments : 2015 Method no. 4.0: 2020
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Acidity (as acetic acid)	FSSAI lab manual for Fruit & Fruits Products -2016, method no. 2.4

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Baudouin test	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 13.6
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Free fatty acid (as oleic acid)	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 13.4
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	FSSAI lab manual of Milk and Dairy Products -2016, method no. 13.2
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Reichert missal value	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 13.5
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Jaggery, Sugar	Acidity (as formic acid)	FSSAI lab manual of Sugar & sugar products- 2015, method no. 6.8
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Jaggery, Sugar	Reducing sugar	FSSAI lab manual of Sugar & sugar products- 2015, method no. 6.4
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Jaggery, Sugar	Sucrose	FSSAI lab manual of Sugar & sugar products- 2015, method no. 6.4.4
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Jaggery, Sugar	Total ash	FSSAI lab manual of Sugar & sugar products- 2015, method no. 6.7
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Moisture	FSSAI lab manual of cereals, pulses & cereal product- 2016, method no. 8.1
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Total ash	FSSAI lab manual of cereals, pulses & cereal product- 2016, method no. 8.2
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Milk fat	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 1.3.4.1
25	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 detergent	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 1.2.14

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26	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 neutralizer	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 1.2.11
27	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 starch	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 1.2.2
28	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 sugar	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 1.2.1
29	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 urea	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 1.2.4
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Total solid	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 1.3.3
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged drinking water	Alkalinity as HCO3	FSSAI lab manual of Water-2016, method no. 9.0
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged drinking water	pH	FSSAI lab manual of Water-2016, method no. 3.0
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Milk fat	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: . 10.3
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Moisture	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 10.2
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Titrable acidity (ml of 0.1N NaOH / 10g. milk SNF)	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 10.4
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Total ash (O.D. basis)	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 10.7

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37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Ash insoluble in dil. HCL (O.D. basis)	FSSAI lab manual of Tea-2015, method no.1.5
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Total ash (O.D. basis)	FSSAI lab manual of Tea-2015, method no.1.3
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	water extract (O.D. basis)	FSSAI lab manual of Tea-2015, method no. 1.7
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water soluble ash (O.D. basis)	FSSAI lab manual of Tea-2015, method no. 1.4
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Ash insoluble	FSSAI lab manual herbs, spices & condiments : 2015 method no. 5.0: 2020
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Moisture	FSSAI lab manual herbs, Spices & Condiments : 2015 method no. 3.0: 2020
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Total ash	FSSAI Lab Manual Herbs, Spices & Condiments : 2015 Method no. 4.0: 2020
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vanaspati	Acid value	FSSAI lab manual of Edible Oil & Fats- 2015, method no. 11.0
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vanaspati	Baudouin test	FSSAI lab manual of Edible Oil & Fats- 2015, method no. 15.0
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vanaspati	Free fatty acid(as oleic acid)	FSSAI lab manual of Edible Oil & Fats- 2015, method no. 15.0
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vanaspati	Moisture	FSSAI lab manual of Edible Oil & Fats- 2015, method no.3.0
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Milk fat	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 10.3
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Moisture	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 10.2
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Titrable acidity (ml of 0.1N NaOH / 10g milk SNF)	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: .10.4

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51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Total Ash (O.D. basis)	FSSAI lab manual of Milk and Dairy Products -2016, Method No.: 10.7

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.