National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STATE FOOD LABORATORY, PUBLIC HEALTH INSTITUTE, SHESHADRI ROAD, BENGALURU, KARNATAKA, 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	Alcoholic Acidity	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (8.5)
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Ash Insoluble in Dilute HCl	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (8.3)
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Gluten	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (8.4)
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Moisture	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (8.1)
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Total Ash	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (8.2)
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Dal	Discolored Seeds	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Dal	Extraneous Matter	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.2)
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Dal	Moisture	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (2.0)
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Dal	Other Edible Pulses / Grains	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Dal	Seeds with Serious Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Dal	Seeds with Slight Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Whole	Discolored Seeds	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Whole	Extraneous Matter	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.2)

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Whole	Moisture	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (2.0)
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Whole	Other Edible Pulses / Grains	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Whole	Seeds with Serious Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chana Whole	Seeds with Slight Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Acid Value	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.009)
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Iodine Value	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.010)
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Saponification Value	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.007)
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw / Sterilized / Pasteurized / Flavored / Toned / Double Toned / Standardized / Recombined / Condensed / Sweetened / Full Cream / Skimmed / Evaporated / Sweetened Condensed	Presence of Added Urea	FSSAI Manual of Methods of Analysis of Foods Milk and Milk Products (1.2.4.1)
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw / Sterilized / Pasteurized / Flavored / Toned / Double Toned / Standardized / Recombined / Condensed / Sweetened / Full Cream / Skimmed / Evaporated / Sweetened Condensed	Presence of Cane Sugar	FSSAI Manual of Methods of Analysis of Foods Milk and Milk Products (1.2.1.1)
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw / Sterilized / Pasteurized / Flavored / Toned / Double Toned / Standardized / Recombined / Condensed / Sweetened / Full Cream / Skimmed / Evaporated / Sweetened Condensed	Presence of Detergents	FSSAI Manual of Methods of Analysis of Foods Milk and Milk Products (1.2.14.1)
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw / Sterilized / Pasteurized / Flavored / Toned / Double Toned / Standardized / Recombined / Condensed / Sweetened / Full Cream / Skimmed / Evaporated / Sweetened Condensed	Presence of Neutralizers	FSSAI Manual of Methods of Analysis of Foods Milk and Milk Products (1.2.11.1)
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw / Sterilized / Pasteurized / Flavored / Toned / Double Toned / Standardized / Recombined / Condensed / Sweetened / Full Cream / Skimmed / Evaporated / Sweetened Condensed	Presence of Starch	FSSAI Manual of Methods of Analysis of Foods Milk and Milk Products (1.2.2.1)

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26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Dal	Discolored Seeds	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Dal	Extraneous Matter	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.2)
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Dal	Moisture	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (2.0)
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Dal	Other Edible Pulses / Grains	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Dal	Seeds with Serious Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Dal	Seeds with Slight Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Whole	Discolored Seeds	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Whole	Extraneous Matter	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.2)
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Whole	Moisture	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (2.0)
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Whole	Other Edible Pulses / Grains	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Whole	Seeds with Serious Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Moong Whole	Seeds with Slight Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice	Moisture	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (2.0)
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toor Dal	Discolored Seeds	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)

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40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toor Dal	Extraneous Matter	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.2)
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toor Dal	Moisture	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (2.0)
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toor Dal	Other Edible Grains / Pulses	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toor Dal	Seeds with Serious Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Toor Dal	Seeds with Slight Defects	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value in Groundnut Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.009)
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value in Mustard Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.009)
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value in Palmolein Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.009)
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value in Rice Bran Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.009)
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value in Soyabean Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.009)
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value in Sunflower Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.009)
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value in Sunflower Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.010)
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value in Groundnut Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.010)
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value in Mustard Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.010)

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54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value in Palmolein Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.010)
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value in Rice Bran Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.010)
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value in Soyabean Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.010)
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value in Groundnut Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.007)
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value in Mustard Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.007)
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value in Palmolein Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.007)
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value in Rice Bran Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.007)
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value in Soyabean Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.007)
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value in Sunflower Oil	FSSAI Manual of Methods of Analysis of Foods Oils and Fats (FSSAI 02.007)
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat	Extraneous Matter	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.2)
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat	Moisture	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (2.0)
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat	Other Edible Grains	FSSAI Manual of Methods of Analysis of Foods Cereal and Cereal Products (1.4.1)
66	CHEMICAL- WATER	Packaged Drinking Water	pH	FSSAI Manual of Methods of Analysis of Foods Water A (I) (3)
67	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	FSSAI Manual of Methods of Analysis of Foods Water A (II) (9)

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68	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	FSSAI Manual of Methods of Analysis of Foods Water A (I) (6) (B)
69	CHEMICAL- WATER	Packaged Natural Mineral Water	pH	FSSAI Manual of Methods of Analysis of Foods Water A (I) (3)
70	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Alkalinity	FSSAI Manual of Methods of Analysis of Foods Water A (II) (9)
71	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Dissolved Solids	FSSAI Manual of Methods of Analysis of Foods Water A (I) (6) (B)

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.