National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HATSUN CENTRAL LABORATORY, HATSUN AGRO PRODUCT LTD, 114, ANGADU ROAD, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10136 **Page No** 1 of 5

Validity 13/12/2021 to 12/12/2023 **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	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast & Mould (in Liquid Samples)	IS 5403
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Aerobic Plate Count (in Liquid Samples)	IS 5402 Part 1
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Aerobic Plate Count (in Solid samples)	IS 5402 Part 1
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Bacillus cereus (in Liquid Samples)	IS 5887 Part 6
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Bacillus cereus (in Solid Samples)	IS 5887 Part 6
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform (in Liquid samples)	IS 5401 Part 1
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliform (in Solid samples)	IS 5401 Part 1
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	E.Coli	ISO 7251
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Listeria monocytogenes	IS 14988 Part 1
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	IS 5887 Part 3/Sec 1
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus (Coagulase +ve) (in Liquid samples)	IS 5887 Part 8/Sec 1
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus (Coagulase +ve) (in Solid samples)	IS 5887 Part 8/Sec 1
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Sulphite Reducing Clostridia (in Liquid samples)	ISO 15213

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14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Sulphite Reducing Clostridia (in Solid samples)	ISO 15213
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast & Mold (in Solid Samples)	IS 5403
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Detection of Added Urea	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Detection of Added Glucose	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Detection of Butyro Refractometer Reading	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Detection of Cane Sugar	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Detection of Formalin	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Detection of Hydrogen Peroxide	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Detection of Sodium Chloride	IS 1479 Part 3
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Fat By Gerber Method	IS-1224 part-1 & Chemical analysis of food and food products- NDRI,-2010
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Fat By Rose Gottileb Method	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	pH	IS 1479 Part 2
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Protein	ISO 8968-1
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Titratable Acidity	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Total Solids	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Alcohol Test	IS 1479:1961 (Part I)
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Alkaline Phosphatase test	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Clot on Boiling (COB Test)	IS 1479:1961 (Part I)
32	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 Added Urea	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
33	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 Added Glucose	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
34	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 Ammonium Compounds	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
35	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 Anionic Detergents	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
36	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 Boric Acids & Borates	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products

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37	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 Butyro Refractometer Reading	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
38	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 Cane Sugar	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
39	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 Formalin	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
40	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 Hydrogen Peroxide	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
41	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 Neutralizers	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
42	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 Nitrates	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
43	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 Sodium Chloride	IS 1479 Part 3
44	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 Starch	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
45	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 Sulphates	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products

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46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Fat By Gerber Method	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Fat By Rose Gottileb Method	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Methylene Blue Dye Reduction Test (MBRT)	IS 1479:1961 (Part I)
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	pH	IS 1479 :1961 (Part II)
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Protein	ISO 8968-1
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	SNF % (Solid Not Fat)	AOAC -990.21
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Titratable Acidity	IS 1479 (Part:1)
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Total Ash	FSSAI Manual of Methods of Analysis of Foods - Milk and Milk Products
54	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 Analysis of Foods - Milk and Milk Products