National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SAFE LABS (AN INITIATIVE OF SURUCHI CONSULTANTS), C-49, SECTOR-65, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8824 **Page No** 1 of 8

Validity 10/05/2022 to 09/05/2024 **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	Butter	Curd	IS 3507
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Fat	FSSAI: Milk and Milk Product: 12.3
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Fat	IS 3507
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Moisture	IS 3507
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Salt Content as NaCl	IS 3507
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Fat	FSSAI: Milk and Milk Product: 6.3
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Fat	IS 1224 Part II
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Moisture	IS 2785
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Protein	FSSAI: Milk and Milk Product: 19.1.1
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhach/Buttermilk	Total Solid	FSSAI: Milk and Milk Product: 4.4.1
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhachh/ Buttermilk	Acidity	IS 1479 Part I
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhachh/ Buttermilk	Fat	IS 1224 Part I
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Acidity	IS 10484 Appendix C

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Fat	FSSAI: Milk and Milk Product: 1.3.4.3
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Fat	IS 1224 Part II
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Moisture	IS 10484
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Protein	FSSAI: Milk and Milk Product: 19.1.1
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Starch	FSSAI: Milk and Milk Product: 5.4
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream	Fat	FSSAI: Milk and Milk Product: 2.2.2
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream	Fat	IS 1224 Part II
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cream	Starch Test	FSSAI: Milk and Milk Product: 2.3.1
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Acidity	IS 1479 Part I
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Fat	IS 1479 Part II
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Starch Test	FSSAI: Milk and Milk Product: 1.2.2
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Total Solid	FSSAI: Milk and Milk Product: 4.4.1
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	B R Reading	FSSAI: Milk and Milk Product: 13.3
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	F.F.A. as Oleic Acid	FSSAI: Milk and Milk Product: 13.4

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Mineral Oil	FSSAI: Milk and Milk Product: 13.7
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	FSSAI: Milk and Milk Product: 13.2
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Peroxide value	FSSAI: Milk and Milk Product: 13.9
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Polenske Value	FSSAI: Milk and Milk Product: 13.5.4
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	RM	FSSAI: Milk and Milk Product: 13.5
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Vanaspati/Baudouin test	FSSAI: Milk and Milk Product: 13.6
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Fat Test	FSSAI: Milk and Milk Product: 7.4
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Over run	FSSAI: Milk and Milk Product:7.3
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Protein	FSSAI: Milk and Milk Product: 7.5.2
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Total Solid	FSSAI: Milk and Milk Product: 7.2
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Fat	FSSAI: Milk and Milk Product: 11.3
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Moisture	FSSAI: Milk and Milk Product: 11.2
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Starch Test	FSSAI: Milk and Milk Product: 11.4
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Sucrose	FSSAI: Milk and Milk Product: 11.5

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42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Acidity	IS 1479 Part I
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Acidity Test	IS 4238
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Added Urea test	FSSAI: Milk and Milk Product: 1.2.4.1
45	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 Part I
46	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: Milk and Milk Product: 1.2.5.2.1
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Ash	IS 1479 Part II
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Boric Acid	FSSAI: Milk and Milk Product: 1.2.19.1
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Detergent	FSSAI: Milk and Milk Product: 1.2.14.1
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Fat	IS 1224 Part 1

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51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Formalin	FSSAI: Milk and Milk Product: 1.2.17.1
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Gelatine	FSSAI: Milk and Milk Product: 1.2.16
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Glucose	FSSAI: Milk and Milk Product: 1.2.7.1
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Homogenization Efficiency	IS 4238
55	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: Milk and Milk Product: 1.2.18.1
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Hypochlorite or Chloramines	FSSAI: Milk and Milk Product: 1.2.12
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Maltodextrin	IS 1479 Part I
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Neutralizer	FSSAI: Milk and Milk Product: 1.2.11.1
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Phosphatase Test	FSSAI: Milk and Milk Product: 1.3.1

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60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Pond Water	FSSAI: Milk and Milk Product: 1.2.10
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Protein	FSSAI: Milk and Milk Product: 19.1.1
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Salicylic Acid	FSSAI: Milk and Milk Product: 1.2.20
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Salt as NaCl	FSSAI: Milk and Milk Product: 1.2.8
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	SMP in milk	FSSAI: Milk and Milk Product: 1.2.15
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	SNF	IS 10083
66	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: Milk and Milk Product:1.2.2.1
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Sugar	FSSAI: Milk and Milk Product: 1.2.1.1
68	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: Milk and Milk Product: 1.3.3

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69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Turbidity	FSSAI: Milk and Milk Product: 1.3.2
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Turbidity Test	IS 4238
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Shrikhand	Fat	FSSAI: Milk and Milk Product: 14.3
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Shrikhand	Protein	FSSAI: Milk and Milk Product: 19.1.1
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Shrikhand	Total Ash	FSSAI: Milk and Milk Product: 14.6
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Shrikhand	Total Solid	FSSAI: Milk and Milk Product: 14.2
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Acidity	IS 1165
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Ash	FSSAI: Milk and Milk Product: 10.7
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Ash Content (ODB)	IS 1165
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Fat	IS 1224 Part II
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Fat Test	FSSAI: Milk and Milk Product: 10.3, 2016
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Insolubility Index	FSSAI: Milk and Milk Product: 10.10

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81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Mositure	FSSAI: Milk and Milk Product:10.2
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Protein	FSSAI: Milk and Milk Product: 19.1.1
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Rosalic Acid	FSSAI: Milk and Milk Product: 1.2.11.1
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Total Carbohydrate	FSSAI: Milk and Milk Product:10.5