



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name: MOTHER DAIRY TEST LABORATORY, PATPARGANJ, DELHI, INDIA
 Accreditation Standard: ISO/IEC 17025:2017
 Certificate Number: TC-5061 Page No.: 1 / 6
 Validity: 25/03/2019 to 24/03/2021 Last Amended on: -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter Oil	BR Reading at 40° C- Butter Oil	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk and Milk Products - 13.3: 2016	40 to 50
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter Oil	FFA as Oleic Acid - Butter Oil	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk and Milk Products - 13.4: 2016	0.1 % to 1.0 %
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter Oil	Moisture Content - Butter Oil	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products - 13.2: 2016	0.1 % to 1.0 %
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter Oil	Peroxide Value	IDF 74:: 1974	0.1 meq of O2 / kg. to 10.0 meq of O2 / kg.
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Boudouin Test	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk and Milk Products - 13.6: 2016	Qualitative(Present / Absent)
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	BR Reading at 40° C- Ghee	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk and Milk Products - 13.3: 2016	40 to 50
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	FFA as Oleic Acid - Ghee	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk and Milk Products - 13.4: 2016	0.1 % to 3.0 %
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Reichert Meissl Value	FSSAI-Manual Of Methods Of Analysis Of Foods - 13.5: 2016	22 to 36



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9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Anionic Detergent Test	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -1.2.14: 2016	Qualitative(Present / Absent)
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	BR Reading of Extracted Fat at 40° C- Liquid Milk	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk and Milk Products - 1.2.9: 2016	40 to 50
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Clot on Boiling	IS: 1479 (Part-I), 1960: 2003	Qualitative(Positive / Negative)
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Milk Fat-Liquid Milk	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -1.3.4.1: 2016	0.1 % to 10 %
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Mineral Oil Test of Extracted Fat-Liquid Milk	FSSAI manual of Methods of Analysis of Foods Oil & Fats – 28.0: 2016	Qualitative(Present / Absent)
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Phosphatase Test	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -1.3.1): 2016	Qualitative(Positive / Negative)
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Protein on SNF basis(% Nitrogen x 6.38) - Liquid Milk	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -19.1.): 2016	20 % to 50 %



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16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Rosalic Acid Test	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -1.2.11.1, Version 2: 2016	Qualitative(Present / Absent)
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Salt Test	FSSAI-Manual Of Methods Of Analysis Of Foods, , Milk & Milk Products -1.2.8): 2016	Qualitative(Present / Absent)
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Sodium Content - Liquid Milk	VM MDTL/ TM01(4.3.24.2): 2018	100 mg/kg to 1200 mg/kg
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Solid not Fat	VM MDTL/TM01 (4.3.2): 2018	6.0 % to 25 %
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Starch Test	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products - 1.2.2): 2016	Qualitative(Present / Absent)
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Sugar Test	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products - 1.2.1: 2016	Qualitative(Present / Absent)
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Titrateable Acidity as Lactic Acid - Liquid Milk	IS: 1479 (Part-I), 1960: 2009	0.04 % to 0.2 %
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Total Solids	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -1.3.3: 2016	6.0 % to 35 %



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24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk	Urea Test	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products - 1.2.4): 2016	100 mg/kg to 700 mg/kg
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Ash content	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -10.7: 2016	4.0 % to 10 %
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Fat - Milk Powder	IS: 1224 (Part II) – 1977 Reaffirmed:: 2009	0.3 % to 30 %
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Insolubility Index	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -10.10: 2016	0.20 ml to 4.0 ml
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Moisture content - Milk Powder	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -10.2: 2016	1.0 % to 6.0 %
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Protein on SNF basis(% Nitrogen x 6.38) - Milk Powder	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products -10.6.): 2016	20 % to 50 %
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Rosalic Acid Test	IS: 1479 (Part-II), 1961: 2009	Qualitative(Present / Absent)
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Scorched Particles	IS 13500:1992: 2003	Qualitative(Disc A,B,C)



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32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Sodium Content	VM MDTL/ TM02(4.13.2): 2018	100 mg/kg to 1200 mg/kg
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Titrateable Acidity as Lactic Acid	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk & Milk Products - 10.4: 2016	0.5 % to 2.0 %
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Table Butter	Common Salt	FSSAI-Manual Of Methods Of Analysis Of Foods, Milk and Milk products-12.4.2: 2016	0.5 % to 4.0 %
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Table Butter	Curd Content	VM MDTL/TM03(4.4.1): 2018	0.3 % to 3.0 %
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Table Butter	Milk Fat - Table Butter	VM MDTL/TM03(4.4.1) : 2018	70 % to 90 %
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Table Butter	Moisture Content - Table Butter	VM MDTL/TM03 (4.4.1): 2018	8.0 % to 20 %
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Table Butter	Titrateable Acidity as Lactic Acid - Table Butter	IS 3507 – 1966: 2003	0.009 % to 0.2 %
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Butter	Curd Content	VM MDTL/TM03 (4.4.1): 2018	0.3 % to 3.0 %
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Butter	Milk Fat - White Butter	VM MDTL/TM03(4.4.1) : 2018	70 % to 90 %



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41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Butter	Moisture Content - White Butter	VM MDTL/TM03 (4.4.1): 2018	8.0 % to 20 %
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Butter	Titrateable Acidity as Lactic Acid - White Butter	IS 3507 – 1966: 2003	0.009 % to 0.2 %