

TEST REPORT

Doc. No : GTL/D/7.5/02

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Report Issued To: Shree Somnath Trust.. Office Of The General Manager, Shree Somnath Pilgrim Facility & Information Centre, Prabhas Patan Somnath- Pin No : 362268, Gir Somnath, Gujarat Phone No : 9428214932 Email : accounts@somnath.org	Test Report No : GTL/04260916074/NS Date of Receipt : 29/08/2026 Date of Issue : 16/09/2026 Customer's Ref. No : N.M
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Sample Described as : Churma Laddu Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Container Sample Condition : Satisfactory Marking : N.M	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M
Sample Drawn By : Customer Date of Starting of Test : 29/08/2026	Date of Completion : 16/09/2026

Sr No	Quality Characteristics	Result	Test Method	Specific Requirement of Fatty Acid Profile
Chemical Residues and Contaminants in Food & Agri. Products				
1	Butyric Acid (C4:0) %	3.42	FSSAI Manual of Milk & Milk Product 01.093	1.0 to 5.0
2	Caproic Acid (C6:0) %	2.07	FSSAI Manual of Milk & Milk Product 01.093	0.5 to 2.2
3	Caprylic Acid (C8:0)%	1.32	FSSAI Manual of Milk & Milk Product 01.093	0.4 to 1.5
4	Capric Acid (C10:0) %	2.62	FSSAI Manual of Milk & Milk Product 01.093	0.8 to 5.0
5	Lauric Acid (C12:0) %	3.12	FSSAI Manual of Milk & Milk Product 01.093	1.5 to 4.0
6	Myristic Acid (C14:0) %	11.85	FSSAI Manual of Milk & Milk Product 01.093	6.0 to 13.0
7	Palmitic Acid (C16:0) %	33.16	FSSAI Manual of Milk & Milk Product 01.093	22 to 38
8	Stearic Acid (C18:0) %	13.06	FSSAI Manual of Milk & Milk Product 01.093	8.0 to 19.0
9	Palmitoleic Acid (C16:1)%	1.32	FSSAI Manual of Milk & Milk Product 01.093	0.9 to 2.8
10	Oleic Acid (18:1) %	21.48	FSSAI Manual of Milk & Milk Product 01.093	19 to 32
11	Linoleic Acid (C18:2) %	3.14	FSSAI Manual of Milk & Milk Product 01.093	0.5 to 3.5
12	Octadecatrienoic Acid (C18:3) %	0.48	FSSAI Manual of Milk & Milk Product 01.093	0.3 to 1.0

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Sr No	Quality Characteristics	Result	Test Method	Specific Requirement of Fatty Acid Profile
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Note : NM = Not Mentioned, Customer requested for the above test only


Rupesh Desai
Reviewed By



For Verification

FOR, GUJARAT TESTLAB PVT. LTD


Hemal Darji
Autho. Signatory

*** END OF REPORT ***

Disclaimer Note

(1) The test results relate only to the tested sample(s) and the applicable parameter(s). Endorsement or certification of the product is neither inferred nor implied. (2) This test report shall not be reproduced, either wholly or in part, and shall not be used as evidence in any court of law or for any advertising or promotional purpose without the prior written approval of Gujarat Testlab Private Limited. (3) Customer requested for the above test only. (4) Unless otherwise agreed with the customer or required by a regulatory authority, tested samples will be disposed of after 21 days from the date of issue of the test report. Perishable samples will be destroyed after testing. (5) Samples not drawn by us unless otherwise stated (6) The total liability of the laboratory is limited to the amount invoiced for the testing services. (7) Test reports are issued based on the information and/or data provided by the customer. (8) The accuracy and validity of the test results may be affected if such information or data is incorrect, incomplete, or misleading. (9) Subject to the Ahmedabad Jurisdiction Only.

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Sample Described as : Magas Laddu Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Container Sample Condition : Satisfactory Marking : N.M	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M
Sample Drawn By : Customer Date of Starting of Test : 29/08/2026	Date of Completion : 16/09/2026

Sr No	Quality Characteristics	Result	Test Method	Specific Requirement of Fatty Acid Profile
Chemical Residues and Contaminants in Food & Agri. Products				
1	Butyric Acid (C4:0) %	2.95	FSSAI Manual of Milk & Milk Product 01.093	1.0 to 5.0
2	Caproic Acid (C6:0) %	1.38	FSSAI Manual of Milk & Milk Product 01.093	0.5 to 2.2
3	Caprylic Acid (C8:0)%	1.07	FSSAI Manual of Milk & Milk Product 01.093	0.4 to 1.5
4	Capric Acid (C10:0) %	2.63	FSSAI Manual of Milk & Milk Product 01.093	0.8 to 5.0
5	Lauric Acid (C12:0) %	3.07	FSSAI Manual of Milk & Milk Product 01.093	1.5 to 4.0
6	Myristic Acid (C14:0) %	10.54	FSSAI Manual of Milk & Milk Product 01.093	6.0 to 13.0
7	Palmitic Acid (C16:0) %	30.76	FSSAI Manual of Milk & Milk Product 01.093	22 to 38
8	Stearic Acid (C18:0) %	10.56	FSSAI Manual of Milk & Milk Product 01.093	8.0 to 19.0
9	Palmitoleic Acid (C16:1)%	1.77	FSSAI Manual of Milk & Milk Product 01.093	0.9 to 2.8
10	Oleic Acid (18:1) %	24.18	FSSAI Manual of Milk & Milk Product 01.093	19 to 32
11	Linoleic Acid (C18:2) %	7.32	FSSAI Manual of Milk & Milk Product 01.093	0.5 to 3.5
12	Octadecatrienoic Acid (C18:3) %	0.59	FSSAI Manual of Milk & Milk Product 01.093	0.3 to 1.0

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Sample Described as : Mohanthal Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Container Sample Condition : Satisfactory Marking : N.M	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M
Sample Drawn By : Customer Date of Starting of Test : 29/08/2026	Date of Completion : 16/09/2026

Sr No	Quality Characteristics	Result	Test Method	Specific Requirement of Fatty Acid Profile
Chemical Residues and Contaminants in Food & Agri. Products				
1	Butyric Acid (C4:0) %	2.63	FSSAI Manual of Milk & Milk Product 01.093	1.0 to 5.0
2	Caproic Acid (C6:0) %	1.47	FSSAI Manual of Milk & Milk Product 01.093	0.5 to 2.2
3	Caprylic Acid (C8:0)%	1.22	FSSAI Manual of Milk & Milk Product 01.093	0.4 to 1.5
4	Capric Acid (C10:0) %	2.51	FSSAI Manual of Milk & Milk Product 01.093	0.8 to 5.0
5	Lauric Acid (C12:0) %	3.15	FSSAI Manual of Milk & Milk Product 01.093	1.5 to 4.0
6	Myristic Acid (C14:0) %	9.39	FSSAI Manual of Milk & Milk Product 01.093	6.0 to 13.0
7	Palmitic Acid (C16:0) %	34.85	FSSAI Manual of Milk & Milk Product 01.093	22 to 38
8	Stearic Acid (C18:0) %	13.24	FSSAI Manual of Milk & Milk Product 01.093	8.0 to 19.0
9	Palmitoleic Acid (C16:1)%	0.96	FSSAI Manual of Milk & Milk Product 01.093	0.9 to 2.8
10	Oleic Acid (18:1) %	22.18	FSSAI Manual of Milk & Milk Product 01.093	19 to 32
11	Linoleic Acid (C18:2) %	5.36	FSSAI Manual of Milk & Milk Product 01.093	0.5 to 3.5
12	Octadecatrienoic Acid (C18:3) %	0.52	FSSAI Manual of Milk & Milk Product 01.093	0.3 to 1.0

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