

TEST REPORT

Doc. No : GTL/D/7.5/02

ULR-TC596126400019187F

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Report Issued To:	Shri Krishna Dairy (Rajasthan) Village : Ranasar Kalla, Tal.: Dhorimana, Barmer, Rajasthan Phone No : 9928099734 Email : ssrawlot@gmail.com	Test Report No	: GTL/04260827129
		Date of Receipt	: 24/08/2026
		Date of Issue	: 27/08/2026
		Customer's Ref. No	: N.M

Sample Described as	: Ghee	Mfg. Date	: N.M.
Sample Qty	: 200 gm	Exp. Date	: N.M.
Packing Mode	: Sample Packed in Glass Bottle	B.No	: N.M.
Sample Condition	: Satisfactory		
Marking	: Sample 1, Dt.: 21.08.2026-V..B.		
Sample Drawn By	: Customer		
Date of Starting of Test	: 24/08/2026	Date of Completion	: 27/08/2026

Sr No	Quality Characteristics	Result	Test Method	Prescribed Standards as per Food Safety and Standards Regulations, 2011
Chemical				
Food And Agricultural Products				
1	Butyric Acid (C4:0) %	2.20	FSSAI Manual of Milk & Milk Products 01.093	1.0 to 5.0
2	Caproic Acid (C6:0) %	1.35	FSSAI Manual of Milk & Milk Products 01.093	0.5 to 2.2
3	Caprylic Acid (C8:0)%	0.92	FSSAI Manual of Milk & Milk Products 01.093	0.4 to 1.5
4	Capric Acid (C10:0) %	2.38	FSSAI Manual of Milk & Milk Products 01.093	0.8 to 5.0
5	Lauric Acid (C12:0) %	2.94	FSSAI Manual of Milk & Milk Products 01.093	1.5 to 4.0
6	Myristic Acid (C14:0) %	11.74	FSSAI Manual of Milk & Milk Products 01.093	6.0 to 13.0
7	Palmitic Acid (C16:0) %	34.77	FSSAI Manual of Milk & Milk Products 01.093	22 to 38
8	Stearic Acid (C18:0) %	10.39	FSSAI Manual of Milk & Milk Products 01.093	8.0 to 19.0
9	Palmitoleic Acid (C16:1)%	1.21	FSSAI Manual of Milk & Milk Products 01.093	0.9 to 2.8
10	Oleic Acid (18:1) %	23.03	FSSAI Manual of Milk & Milk Products 01.093	19 to 32
11	Linoleic Acid (C18:2) %	4.79	FSSAI Manual of Milk & Milk Products 01.093	0.5 to 3.5
12	Octadecatrienoic Acid (C18:3) %	0.81	FSSAI Manual of Milk & Milk Products 01.093	0.3 to 1.0
13	Reichert Meissel Value	26.84	IS 3508:1966	Min.24
14	Baudouin Test	Negative	IS 3508:1966	Negative
15	Moisture %	0.12	IS 3508:1966	Max. 0.5
16	Added Colouring Matter	Absent	FSSAI Manual of Food Additives 2016	Absent

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Sr No	Quality Characteristics	Result	Test Method	Prescribed Standards as per Food Safety and Standards Regulations, 2011
17	B.R. reading at 40 Deg C	43.6	IS 3508:1966	40.0 - 44.0
18	FFA as Oleic acid %	0.32	IS 3508:1966	Max.2.0

Note : NM = Not Mentioned, Customer requested for the above test only

FOR, GUJARAT TESTLAB PVT. LTD



For NABL Scope


Mamta Bhavsar
Reviewed By

For Verification


Hemal Darji
Autho. Signatory**Disclaimer Note**

*** END OF REPORT ***

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		Date of Receipt	: 24/08/2026
		Date of Issue	: 27/08/2026
		Customer's Ref. No	: N.M

Sample Described as	: Ghee	Mfg. Date	: N.M.
Sample Qty	: 200 gm	Exp. Date	: N.M.
Packing Mode	: Sample Packed in Glass Bottle	B.No	: N.M.
Sample Condition	: Satisfactory		
Marking	: Sample 3, Dt.: 21.08.2026-FC		
Sample Drawn By	: Customer		
Date of Starting of Test	: 24/08/2026	Date of Completion	: 27/08/2026

Sr No	Quality Characteristics	Result	Test Method	Prescribed Standards as per Food Safety and Standards Regulations, 2011
Chemical				
Food And Agricultural Products				
1	Butyric Acid (C4:0) %	1.90	FSSAI Manual of Milk & Milk Products 01.093	1.0 to 5.0
2	Caproic Acid (C6:0) %	1.35	FSSAI Manual of Milk & Milk Products 01.093	0.5 to 2.2
3	Caprylic Acid (C8:0)%	0.97	FSSAI Manual of Milk & Milk Products 01.093	0.4 to 1.5
4	Capric Acid (C10:0) %	2.63	FSSAI Manual of Milk & Milk Products 01.093	0.8 to 5.0
5	Lauric Acid (C12:0) %	3.26	FSSAI Manual of Milk & Milk Products 01.093	1.5 to 4.0
6	Myristic Acid (C14:0) %	12.62	FSSAI Manual of Milk & Milk Products 01.093	6.0 to 13.0
7	Palmitic Acid (C16:0) %	36.08	FSSAI Manual of Milk & Milk Products 01.093	22 to 38
8	Stearic Acid (C18:0) %	9.53	FSSAI Manual of Milk & Milk Products 01.093	8.0 to 19.0
9	Palmitoleic Acid (C16:1)%	1.32	FSSAI Manual of Milk & Milk Products 01.093	0.9 to 2.8
10	Oleic Acid (18:1) %	24.21	FSSAI Manual of Milk & Milk Products 01.093	19 to 32
11	Linoleic Acid (C18:2) %	3.14	FSSAI Manual of Milk & Milk Products 01.093	0.5 to 3.5
12	Octadecatrienoic Acid (C18:3) %	0.79	FSSAI Manual of Milk & Milk Products 01.093	0.3 to 1.0
13	Reichert Meissel Value	25.88	IS 3508:1966	Min.24
14	Baudouin Test	Negative	IS 3508:1966	Negative
15	Moisture %	0.10	IS 3508:1966	Max. 0.5
16	Added Colouring Matter	Absent	FSSAI Manual of Food Additives 2016	Absent

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Sr No	Quality Characteristics	Result	Test Method	Prescribed Standards as per Food Safety and Standards Regulations, 2011
17	B.R. reading at 40 Deg C	43.7	IS 3508:1966	40.0 - 44.0
18	FFA as Oleic acid %	0.10	IS 3508:1966	Max.2.0

Note : NM = Not Mentioned, Customer requested for the above test only

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