

TEST REPORT

Doc. No : GTL/D/7.5/02

ULR-TC596126300002041F

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Report Issued To:	Mahakali Dairy Farm Plot No: 131, Nr. Essar Petrol Pump, G.I.DC. Thasra, Dist: Kheda, Kheda, Gujarat Phone No : 9879898450 Email : mahakalidairythasra@gmail.com	Test Report No	: GTL/01260810017
		Date of Receipt	: 08/08/2026
		Date of Issue	: 10/08/2026
		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 Plastic Bags	B.No	: N.M.
Sample Condition	: Satisfactory		
Marking	: Sample : Amit Bhai		
Sample Drawn By	: Customer		
Date of Starting of Test	: 08/08/2026	Date of Completion	: 10/08/2026

Sr No	Quality Characteristics	Result	Test Method	Prescribed Standards as per Food Safety and Standards Regulations, 2011
Chemical				
Food And Agricultural Products				
1	B.R. reading at 40 Deg C	43.3	IS 3508 :1966	40.0 - 44.0
2	Reichert Meissel Value	27.35	IS 3508 :1966	Min. 24
3	C4:0 (Butyric Acid) %	2.47	FSSAI 01.093	1-5
4	C6:0 (Caproic Acid) %	1.06	FSSAI 01.093	0.5-2.2
5	C8:0 (Cacrylic Acid) %	0.59	FSSAI 01.093	0.4-1.5
6	C10:0 (Capric Acid) %	1.37	FSSAI 01.093	0.8-5
7	C12:0 (Lauric Acid) %	1.94	FSSAI 01.093	1.5-4
8	C14:0 (Myristic Acid)%	9.69	FSSAI 01.093	6-13
9	C16:0 (Palmitic Acid)%	33.49	FSSAI 01.093	22-38
10	C18:0(Stearic Acid)%	15.77	FSSAI 01.093	8-19
11	C16:1 (Palmitoleic Acid) %	1.15	FSSAI 01.093	0.9-2.8
12	C18:1 (Oleic Acid)%	25.80	FSSAI 01.093	19-32
13	C18:2 (Linoleic Acid)%	1.91	FSSAI 01.093	0.5-3.5
14	C18:3 (Octadecatrienoic Acid)%	0.89	FSSAI 01.093	0.3-1.0

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Sr No	Quality Characteristics	Result	Test Method	Prescribed Standards as per Food Safety and Standards Regulations, 2011
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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


Rupesh Desai
Autho. Signatory

Disclaimer Note

*** END OF REPORT ***

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		Date of Receipt	: 08/08/2026
		Date of Issue	: 10/08/2026
		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 Plastic Bags	B.No	: N.M.
Sample Condition	: Satisfactory		
Marking	: Sample : Arvind Bhai Dt. 06.08.2026		
Sample Drawn By	: Customer		
Date of Starting of Test	: 08/08/2026	Date of Completion	: 10/08/2026

Sr No	Quality Characteristics	Result	Test Method	Prescribed Standards as per Food Safety and Standards Regulations, 2011
Chemical				
Food And Agricultural Products				
1	B.R. reading at 40 Deg C	43.4	IS 3508 :1966	40.0 - 44.0
2	Reichert Meissel Value	26.76	IS 3508 :1966	Min. 24
3	C4:0 (Butyric Acid) %	2.08	FSSAI 01.093	1-5
4	C6:0 (Caproic Acid) %	1.17	FSSAI 01.093	0.5-2.2
5	C8:0 (Cacprylic Acid) %	0.78	FSSAI 01.093	0.4-1.5
6	C10:0 (Capric Acid) %	1.96	FSSAI 01.093	0.8-5
7	C12:0 (Lauric Acid) %	4.45	FSSAI 01.093	1.5-4
8	C14:0 (Myristic Acid)%	10.58	FSSAI 01.093	6-13
9	C16:0 (Palmitic Acid)%	34.35	FSSAI 01.093	22-38
10	C18:0(Stearic Acid)%	11.74	FSSAI 01.093	8-19
11	C16:1 (Palmitoleic Acid) %	1.34	FSSAI 01.093	0.9-2.8
12	C18:1 (Oleic Acid)%	26.51	FSSAI 01.093	19-32
13	C18:2 (Linoleic Acid)%	3.41	FSSAI 01.093	0.5-3.5
14	C18:3 (Octadecatrienoic Acid)%	0.83	FSSAI 01.093	0.3-1.0

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