

ULR-TC596126400017797F

TEST REPORT

Doc. No : GTL/D/7.5/02

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Report Issued To: Sardardham Sardardham, S.P. Ring Road, Nr. Royal Hights, Vaisodevi Circle, Ahmedabad, Gujarat Phone No : 9033479402 Email : chitra.sanu17@gmail.com	Test Report No : GTL/04260814129 Date of Receipt : 11/08/2026 Date of Issue : 14/08/2026 Customer's Ref. No : N.M
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Sample Described as : Ghee Sample Qty : 1 kg Packing Mode : Sample Packed in Plastic Pouch Sample Condition : Satisfactory Marking : Brand : Amul Pure Ghee	Mfg. Date : 17.07.2026 Exp. Date : 13.04.2027. B.No : MAF1984R
Sample Drawn By : Customer Date of Starting of Test : 11/08/2026	Date of Completion : 14/08/2026

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	42.1	IS 3508 :1966	40.0 - 44.0
2	Reichert Meissel Value	27.12	IS 3508 :1966	Min. 24
3	FFA as Oleic acid %	0.31	IS 3508 :1966	Max.2.0
4	Moisture %	0.10	IS 3508 :1966	Max. 0.5
5	Baudouins Test	Negative	IS 3508 :1966	Negative
6	Added Colouring matter	Absent	FSSAI Manual of Food Additives 2016	Absent
7	C4:0 (Butyric Acid) %	2.38	FSSAI 01.093	1-5
8	C6:0 (Caproic Acid) %	1.28	FSSAI 01.093	0.5-2.2
9	C8:0 (Caprylic Acid) %	0.80	FSSAI 01.093	0.4-1.5
10	C10:0 (Capric Acid) %	2.13	FSSAI 01.093	0.8-5
11	C12:0 (Lauric Acid) %	2.76	FSSAI 01.093	1.5-4
12	C14:0 (Myristic Acid)%	11.98	FSSAI 01.093	6-13
13	C16:0 (Palmitic Acid)%	36.32	FSSAI 01.093	22-38
14	C18:0 (Stearic Acid)%	13.08	FSSAI 01.093	8-19
15	C16:1 (Palmitoleic Acid) %	1.11	FSSAI 01.093	0.9-2.8
16	C18:1 (Oleic Acid)%	22.73	FSSAI 01.093	19-32
17	C18:2 (Linoleic Acid)%	1.72	FSSAI 01.093	0.5-3.5
18	C18:3 (Octadecatrienoic Acid)%	0.79	FSSAI 01.093	0.3-1.0

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

FOR, GUJARAT TESTLAB PVT. LTD



For NABL Scope

Disclaimer Note


Mamta Bhavsar
Reviewed By



For Verification


Hemal Darji
Autho. Signatory

*** END OF REPORT ***

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Sample Described as : Groundnut Oil Sample Qty. : 200 gm Packing Mode : Sample Packed in Plastic Bottle Sample Condition : Satisfactory Marking : Brand : Ankur	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M.
Sample Drawn By : Customer Date of Starting of Test : 11/08/2026	Date of Completion : 14/08/2026

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	55.0	IS:548:Part 1:Sec 2:2021	54 to 57.1
2	Saponification Value	193.30	IS:548:Part 1:Sec 2:2021	188 to 196
3	Iodine Value	91.58	IS:548:Part 1:Sec 2:2021	85 to 99
4	Acid Value	0.94	IS:548:Part 1:Sec 2:2021	Max.6.0
5	Test for Argemone oil	Negative	IS:548:Part 2:1976	Negative
6	Test for Castor Oil	Negative	IS:548:Part 2:1976	Negative
7	Test for Mineral oil	Negative	IS:548:Part 2:1976	Negative
8	Baudouin Test	Negative	IS:548:Part 2:1976	Negative
9	Halphen Test	Negative	IS:548:Part 2:1976	Negative

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