

TEST REPORT

Doc. No : GTL/D/7.5/02

ULR-TC596126400021354F

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Report Issued To : Mangalam Global Enterprise Limited 201 Neat Corporate House, 19/B. Kalyan Society Near M.G. International School, Mithakhali-380006, Ahmedabad, Gujarat Phone No : 8401754077 Email :	Test Report No : GTL/04260921172 Date of Receipt : 15/09/2026 Date of Issue : 21/09/2026 Customer's Ref. No : N.M
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Sample Described as : Kalonji Oil Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Bottle 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 : 15/09/2026	Date of Completion : 21/09/2026

Sr No	Quality Characteristics	Result	Test Method
Chemical			
Food And Agricultural Products			
1	Moisture & insoluble impurities %	0.086	IS:548:Part 1:Sec 2:2021
2	Refractive index @ 40 Deg.C	1.4664	IS:548:Part 1:Sec 2:2021
3	Iodine Value	131.23	IS:548:Part 1:Sec 2:2021
4	Saponification Value	190.36	IS:548:Part 1:Sec 2:2021
5	Acid Value	1.54	IS:548:Part 1:Sec 2:2021
6	Test for Agremone oil	Negative	IS : 548 (P-2) : 1976
7	Test for Mineral oil	Negative	IS : 548 (P-2) : 1976
8	Specific Gravity at 30 Deg.C	0.9182 gm/ml	IS:548:Part 1:Sec 2:2021
9	Peroxide Value meq/kg	2.12	IS:548:Part 1:Sec 2:2021
Residues and Contaminants in Food & Agri. Products			
10	Lead (as Pb) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054
11	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054
12	Cadmium (as Cd) mcg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054
13	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054
Biological			
Food And Agricultural Products			
1	Salmonella/25 gm	Absent	IS:5887(P-3/Sec-1) : 2020
2	Yeast & Mould Count cfu/gm	<10 cfu	IS:5403-1999
3	Total Plate count cfu/gm	<10 cfu	IS:5402 (P-1): 2021

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Sr No	Quality Characteristics	Result	Test Method
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Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,
Q.L.=Quantification Limit, Customer requested for the above test only



For NABL Scope

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Mamta Bhavsar

Reviewed By



For Verification

*** END OF REPORT ***

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Trupti Thakor

Autho. Signatory

TEST REPORT

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Report Issued To : Mangalam Global Enterprise Limited 201 Neat Corporate House, 19/B. Kalyan Society Near M.G. International School, Mithakhali-380006, Ahmedabad, Gujarat Phone No : 8401754077 Email : sisodiya.iswarsingh@groupmangalam.com	Test Report No : GTL/04260921172/NS Date of Receipt : 15/09/2026 Date of Issue : 21/09/2026 Customer's Ref. No : N.M
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Sample Described as : Kalonji Oil Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Bottle 4 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 : 15/09/2026	Date of Completion : 21/09/2026

Sr No	Quality Characteristics	Result	Test Method
Chemical			
Food And Agricultural Products			
1	Appearance	A Dark reddish-brown colour Clear, transparent to slightly hazy liquid	Visual
2	Colour	Reddish-brown	Visual
3	Odour	Characteristic	Organoleptic

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,
Q.L.=Quantification Limit, Customer requested for the above test only

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Reviewed By



For Verification

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji
Autho. Signatory

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Sample Described as : Mustard Oil Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Bottle 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 : 15/09/2026	Date of Completion : 21/09/2026

Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Chemical				
Food And Agricultural Products				
1	Moisture & insoluble impurities %	0.054	IS 548:Part 1:Sec 2:2021	Max. 0.25
2	Refractive index @ 40 Deg.C	1.4648	IS 548:Part 1:Sec 2:2021	1.4646 to 1.4662
3	Iodine Value	99.12	IS 548:Part 1:Sec 2:2021	96 to 112
4	Saponification Value	172.95	IS 548:Part 1:Sec 2:2021	168 to 177
5	Unsaponifiable Matter %	0.54	IS 548:Part 1:Sec 2:2021	Max. 1.2
6	Acid Value	1.06	IS 548:Part 1:Sec 2:2021	Max.6.0
7	Test for Agremone oil	Negative	IS:548:Part 2:1976	Negative
8	Test for Hydrocyanic acid	Negative	IS:548:Part 2:1976	Negative
9	Test for Mineral oil	Negative	IS:548:Part 2:1976	Negative
10	Specific Gravity at 30 Deg.C	0.9098 gm/ml	IS 548:Part 1:Sec 2:2021	0.907 to 0.910
11	Peroxide Value meq/kg	1.63	IS 548:Part 1:Sec 2:2021	Max. 10
Residues and Contaminants in Food & Agri. Products				
12	Lead (as Pb) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 0.1
13	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 0.1
14	Cadmium (as Cd) mcg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.1.5
15	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 1.0
Biological				
Food And Agricultural Products				
1	Salmonella/25 gm	Absent	IS:5887(P-3/Sec-1) : 2020	Absent

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Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
2	Yeast & Mould Count cfu/gm	<10 cfu	IS:5403-1999	Not Prescribed
3	Total Plate count cfu/gm	<10 cfu	IS:5402 (P-1): 2021	Not Prescribed

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,
Q.L.=Quantification Limit, Customer requested for the above test only



For NABL Scope


Mamta Bhavsar
Reviewed By



For Verification

FOR, GUJARAT TESTLAB PVT. LTD


Hemal Darji-Trupti Thakor
Autho. Signatory

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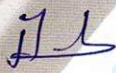
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Sample Described as : Mustard Oil Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Bottle Sample Condition : Satisfactory Marking : N.M	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M
Sample Drawn By : Customer Date of Starting of Test : 15/09/2026	Date of Completion : 21/09/2026

Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Chemical Food And Agricultural Products				
1	Appearance	A Goldel-yellow colour Clear, transparent to slightly hazy liquid	Visual	Not Prescribed
2	Colour	Golden-yellow	Visual	Not Prescribed
3	Odour	Characteristic	Organoleptic	Characteristic

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,
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Sample Described as Sample Qty Packing Mode Sample Condition Marking Sample Drawn By Date of Starting of Test	: Coconut Oil : 200 gm : Sample Packed in Plastic Bottle : Satisfactory : N.M : Customer : 15/09/2026	Mfg. Date Exp. Date B.No : N.M. : N.M. : N.M Date of Completion : 21/09/2026
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Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Chemical				
Food And Agricultural Products				
1	Moisture & insoluble impurities %	0.085	IS:548:Part 1:Sec 2:2021	Max. 0.25
2	Refractive index @ 40 Deg.C	1.4485	IS:548:Part 1:Sec 2:2021	1.4480 - 1.4500
3	Iodine Value	8.10	IS:548:Part 1:Sec 2:2021	7.5 to 10.0
4	Saponification Value	255.36	IS:548:Part 1:Sec 2:2021	Not less than 250
5	Acid Value	0.94	IS:548:Part 1:Sec 2:2021	Max.6.0
6	Test for Mineral oil	Negative	IS:548:Part 2:1976	Negative
7	Specific Gravity at 30 Deg.C	0.9115 gm/ml	IS:548:Part 1:Sec 2:2021	0.908 to 0.921
8	Peroxide Value meq/kg	1.52	IS:548:Part 1:Sec 2:2021	Max. 10
Residues and Contaminants in Food & Agri. Products				
9	Lead (as Pb) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 0.1
10	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 0.1
11	Cadmium (as Cd) mcg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.1.5
12	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 1.0
Biological				
Food And Agricultural Products				
1	Salmonella/25 gm	Absent	IS:5887(P-3/Sec-1) : 2020	Absent
2	Yeast & Mould Count cfu/gm	<10 cfu	IS:5403-1999	Not Prescribed
3	Total Plate count cfu/gm	<10 cfu	IS:5402 (P-1): 2021	Not Prescribed

Test Report No : GTL/04260921173

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Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
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		Date of Receipt	: 15/09/2026
		Date of Issue	: 21/09/2026
		Customer's Ref. No	: N.M

Sample Described as	: Coconut Oil	Mfg. Date	: N.M.
Sample Qty	: 200 gm	Exp. Date	: N.M.
Packing Mode	: Sample Packed in Plastic Bottle	B.No	: N.M
Sample Condition	: Satisfactory		
Marking	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 15/09/2026	Date of Completion	: 21/09/2026

Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Chemical				
Food And Agricultural Products				
1	Appearance	A Colourless to pale yellow Clear, transparent to slightly hazy liquid	Visual	Not Prescribed
2	Colour	Colourless to pale yellow	Visual	Not Prescribed
3	Odour	Characteristic	Organoleptic	Characteristic

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,
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