

TEST REPORT

Doc. No : GTL/D/7.5/02

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ULR-TC596126400019260F

Report Issued To: Kanha Mini Oil Mill Shop no: 28 , Vaibhav Industrial Estate, SP Ring Road Nr. Shreenath Estate, kathwada GIDC, Kathwada-382415, Ahmedabad, Gujarat Phone No : 8401646143 Email : darshan10automobile93@gmail.com	Test Report No : GTL/04260829065 Date of Receipt : 21/08/2026 Date of Issue : 29/08/2026 Customer's Ref. No : N.M
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Sample Described as : Groundnut Oil Sample Qty : 500 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 : 21/08/2026	Date of Completion : 29/08/2026

Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Chemical				
Food And Agricultural Products				
1	Refractive index @ 40 Deg.C	1.4638	FSSAI 02.003:2021	1.4620-1.4640
2	Saponification Value	192.07	FSSAI 02.007:2021	188 to 196
3	Iodine Value	91.53	FSSAI 02.010:2021	85 to 99
4	Acid Value	0.98	FSSAI 02.009:2021	Max.6.0
5	Test for Agremone oil	Absent	FSSAI 02.032:2021	Negative
6	Test for Castor Oil	Absent	FSSAI 02.031:2021	Negative
7	Test for Mineral oil	Absent	FSSAI 02.029:2021	Negative
8	Test for Sesame Oil	Absent	FSSAI 02.013:2021	Negative
9	Unsaponifiable matter %	0.57	FSSAI 02.008:2021	Max. 1.2
10	Test for Cottonseed Oil	Absent	FSSAI 02.014:2021	Negative
11	M.I.V. %	0.048	FSSAI 02.001:2021	Max 0.1
Residues and Contaminants in Food & Agri. Products				
12	Lead (as Pb) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 0.5 ppm
13	Copper (as Cu) ppm	B.L.Q. (Q.L.=1.0)	GL/SOP/I-055	Max. 30 ppm
14	Arsenic (as As) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.1.1 ppm
15	Tin (as sn) ppm	B.L.Q. (Q.L.=0.5)	GL/SOP/I-056	Max. 250 ppm
16	Cadmium (as Cd) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 1.5 ppm
17	Mercury (as Hg) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max. 1.0 ppm
18	Zinc (as Zn) ppm	B.L.Q. (Q.L.=1.0)	GL/SOP/I-055	Max. 50 ppm
19	Chromium (as Cr) ppm	B.L.Q. (Q.L.=0.5)	GL/SOP/I-057	Max. 2.5 ppm
20	Propyl Gallate mg/kg	B.L.Q. (Q.L.=5.0)	GL/SOP/I-041	Max. 100 mg/kg
21	Aflatoxin B1 mcg/kg	B.L.Q. (Q.L.=0.5)	GL/SOP/I-091	Max. 30 mcg/kg
22	Aflatoxin B2 mcg/kg	B.L.Q. (Q.L.=0.5)	GL/SOP/I-091	Max. 30 mcg/kg
23	Aflatoxin G1 mcg/kg	B.L.Q. (Q.L.=0.5)	GL/SOP/I-091	Max. 30 mcg/kg
24	Aflatoxin G2 mcg/kg	B.L.Q. (Q.L.=0.5)	GL/SOP/I-091	Max. 30 mcg/kg

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25	Chlordane mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.02 mg/kg
26	Carbaryl mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.1.5 mg/kg
27	Dichlorvos mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.1.0 mg/kg
28	Fenitrothion, mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max 0.01 mg/kg
29	Heptachlor mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.0.01 mg/kg
30	Gama isomer of Hexachlorocyclohexane, mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01 mg/kg
31	Malathion mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 4.0 mg/kg
32	Phosphamidon residues, mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01 mg/kg
33	Chlorpyrifos mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max 0.01 mg/kg
34	2,4-D mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max 0.01 mg/kg
35	Ethion mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01 mg/kg
36	Monocrotophos mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01 mg/kg
37	Paraquat dichloride mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max 0.025 mg/kg
38	Trichlorfon mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max 0.0125 mg/kg
39	Thiometon, mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01 mg/kg
40	Carbendazim mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max 0.12 mg/kg
41	Benomyl mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.0.12 mg/kg
42	Carbofuran mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.0.03 mg/kg
43	Cypermethrin mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.0.01mg/kg
44	Deltamethrin mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.0.20 mg/kg
45	Fenthion mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.0.03 mg/kg
46	Dithiocarbamates mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.0.05 mg/kg
47	Phenthoate mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01mg/kg
48	Phorate mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01 mg/kg
49	Pirimiphos-methyl mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 1.0 mg/kg
50	Oxydemeton Methyl mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.0.02 mg/kg
51	Lauric Acid %	B.L.Q. (Q.L.=0.1)	FSSAI 02.019	N.D to 1.0
52	Palmitic Acid %	10.97	FSSAI 02.019	6.0 to 14.0
53	Stearic acid %	2.92	FSSAI 02.019	0.6 to 7.0
54	Oleic acid %	54.56	FSSAI 02.019	35.0 to 69.0
55	Linoleic acid %	26.01	FSSAI 02.019	12.0 to 43.0
56	Linolenic acid %	B.L.Q. (Q.L.=0.1)	FSSAI 02.019	ND to 0.3
57	Trans Fat %	B.L.Q. (Q.L.=0.1)	FSSAI 02.019	Max.2.0
58	Arachidic Acid %	1.28	FSSAI 02.019	1.0 to 4.0
59	Caproic Acid %	B.L.Q. (Q.L.=0.1)	FSSAI 02.019	N.D
60	Lignoceric Acid %	1.03	FSSAI 02.019	0.5 to 2.5
61	Myristic Acid %	B.L.Q. (Q.L.=0.1)	FSSAI 02.019	ND to 0.5
62	Caprylic Acid %	B.L.Q. (Q.L.=0.1)	FSSAI 02.019	ND
63	Euricic Acid %	B.L.Q. (Q.L.=0.1)	FSSAI 02.019	ND to 0.3
64	Eicosenoic Acid %	B.L.Q. (Q.L.=0.1)	FSSAI 02.019	N.D to 1.7
65	Iron (as Fe) mg/kg	B.L.Q. (Q.L.=1.0)	GL/SOP/I-055	Not Prescribed

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66	Aldicarb mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01
67	Fenamiphos mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01
68	Methoxyfenozide mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01
69	Propargite mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01
70	Primiphos methyl mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01
71	Aflatoxin (B1+B2+G1+G2) mcg/kg	B.L.Q. (Q.L.=0.5)	GL/SOP/I-091	Max.30
72	Behenic Acid %	2.25	FSSAI 02.019	1.5 to 4.5

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


Rupesh Desai
Reviewed By



For Verification

FOR, GUJARAT TESTLAB PVT. LTD


Hemal Darji
Autho. Signatory

*** END OF REPORT ***

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		Date of Receipt	: 21/08/2026
		Date of Issue	: 29/08/2026
		Customer's Ref. No	: N.M

Sample Described as	: Groundnut Oil	Mfg. Date	: N.M.
Sample Qty	: 500 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	: 21/08/2026	Date of Completion	: 29/08/2026

Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Chemical				
Residues and Contaminants in Food & Agri. Products				
1	Agaric Acid, mg/kg	B.L.Q. (Q.L.=10.0)	GL/SOP/I-115	Max. 100 mg/kg
2	Hydrocyanic Acid, mg/kg	B.L.Q. (Q.L.=2.0)	GL/SOP/I-126	Max. 5 mg/kg
3	Hypericine, mg/kg	B.L.Q. (Q.L.=0.5)	GL/SOP/I-116	Max. 1.0 mg/kg
4	Saffrole, mg/kg	B.L.Q. (Q.L.=1.0)	GL/SOP/I-117	Max. 10 mg/kg
5	Hydrogen Cyanide mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 3.0 mg/kg
6	Hydrogen Phosphide, mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01 mg/kg
7	Inorganic Bromide mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max.25.0 mg/kg
8	Pyrethrins, mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01 mg/kg
9	Penthiopyrad mg/kg	B.L.Q. (Q.L.=0.01)	GL/SOP/I-029	Max. 0.01

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