

TEST REPORT

Doc. No : GTL/D/7.5/02

ULR-TC596126400017678F

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Report Issued To:	Shah International Exports Inc. Survey No: 140, Block No: 257, Opp.Jain Irrigation,Dhobikuva Village, Padra-Jambusar Highway,Tal.:Padra, Vadodara, Gujarat Phone No : 9925041034 Email : shalini@suratiworld.in	Test Report No	: GTL/04260813218
		Date of Receipt	: 07/08/2026
		Date of Issue	: 13/08/2026
		Customer's Ref. No	: N.M

Sample Described as	: Refined Palmolein Oil	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	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 07/08/2026	Date of Completion	: 13/08/2026

Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Chemical				
Food And Agricultural Products				
1	B.R. reading at 40 Deg C	46.7	IS 548:Part 1:Sec 2:2021	43.7-52.5
2	Saponification Value	201.30	IS 548:Part 1:Sec 2:2021	195-205
3	Iodine Value	57.95	IS 548:Part 1:Sec 2:2021	54-62
4	Acid Value	0.54	IS 548:Part 1:Sec 2:2021	Max.6.0
5	Test for Mineral oil	Negative	IS:548:Part 2:1976	Negative
6	Test for Castor Oil	Negative	IS:548:Part 2:1976	Negative
7	Test for Agremone oil	Negative	IS:548:Part 2:1976	Negative
8	Baudouin Test	Negative	IS:548:Part 2:1976	Negative
9	Added Colouring Matter	Absent	FSSAI Manual of Food Additives 2016	Absent
10	Unsaponifiable Matter %	0.56	IS 548:Part 1:Sec 2:2021	Max.1.2%
11	Halphen Test	Negative	IS:548:Part 2:1976	Negative
12	Cloud Point Deg C	16.6 Deg.C.	FSSAI 02.015:2021	Max. 18 Deg. C
13	Rancidity Test	Negative	FSSAI 02.043:2021	Negative
14	Flash Point Deg. C	>250 Deg.C.	IS 548:Part 1:Sec 2:2021	Max.250 Deg. C
15	Moisture %	0.076	IS 548:Part 1:Sec 2:2021	Not Prescribed

Residues and Contaminants in Food & Agri. Products

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Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
16	Lead (as Pb) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.2.5 ppm
17	Copper (as Cu) ppm	B.L.Q.(Q.L.=1.0)	GL/SOP/I-055	Max.30.0 ppm
18	Arsenic (as As) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.1.1 ppm
19	Tin (as sn) ppm	B.L.Q. (Q.L.=0.5)	GL/SOP/I-056	Max.250 ppm
20	Zinc (as Zn) ppm	B.L.Q.(Q.L.=1.0)	GL/SOP/I-055	Max.50.0 ppm
21	Cadmium (as Cd) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.1.5 ppm
22	Methyl Mercury (as Hg) ppm	B.L.Q. (Q.L.=0.1)	GL/SOP/I-054	Max.0.25 ppm
23	Acetochlor ppm	B.L.Q.(Q.L.=0.01)	GL/SOP/I-029	Max.0.05 ppm
24	Alachlor, ppm	B.L.Q.(Q.L.=0.01)	GL/SOP/I-029	Max.0.01 ppm
25	Aldrin, ppm	B.L.Q.(Q.L.=0.01)	GL/SOP/I-029	Max.0.03 ppm
26	Alpha HCH ppm	B.L.Q.(Q.L.=0.01)	GL/SOP/I-029	Max.30.0 ppm
27	TBHQ ppm	63.10	GL/SOP/I-043	Max. 200

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 ***

Disclaimer Note

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Report Issued To: Shah International Exports Inc. Survey No: 140, Block No: 257, Opp.Jain Irrigation,Dhobikuva Village, Padra-Jambusar Highway,Tal.:Padra, Vadodara, Gujarat Phone No : 9925041034 Email : shalini@suratiworld.in	Test Report No : GTL/04260817080 Date of Receipt : 07/08/2026 Date of Issue : 17/08/2026 Customer's Ref. No : N.M
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Sample Described as : Refined Corn Oil Sample Qty : 200 gm Packing Mode : Sample Packed in Plastic Bags Sample Condition : Satisfactory Marking : N.M Sample Drawn By : Customer Date of Starting of Test : 07/08/2026	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M Date of Completion : 17/08/2026
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Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Chemical				
Food And Agricultural Products				
1	B.R. reading at 40 Deg C	57.3	IS:548:Part 1:Sec 2:2021	56.7-62.5
2	Saponification Value	190.84	IS:548:Part 1:Sec 2:2021	187-195
3	Iodine Value	119.20	IS:548:Part 1:Sec 2:2021	103-128
4	Acid Value	0.26	IS:548:Part 1:Sec 2:2021	Max.0.5
5	Test for Mineral oil	Negative	IS:548:Part 2:1976	Negative
6	Test for Castor Oil	Negative	IS:548:Part 2:1976	Negative
7	Test for Agremone oil	Negative	IS:548:Part 2:1976	Negative
8	Baudouin Test	Negative	IS:548:Part 2:1976	Negative
9	Added Colouring Matter	Absent	FSSAI Manual of Food Additives 2016	Absent
10	Unsaponifiable Matter %	0.59	IS:548:Part 1:Sec 2:2021	Max.1.5%
11	Halphen Test	Negative	IS:548:Part 2:1976	Negative
12	Foreign matter and other Impurities	Absent	IS:548:Part 1:Sec 2:2021	Absent
13	Rancidity Test	Negative	FSSAI 02.043:2021	Negative
14	Moisture %	0.069	IS:548:Part 1:Sec 2:2021	Max.0.1%
15	Peroxide Value meq/kg	2.63	IS:548:Part 1:Sec 2:2021	Max.10.0

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Sr No	Quality Characteristics	Result	Test Method	F.S.S.R-2011 / Customer Specification
Residues and Contaminants in Food & Agri. Products				
16	Lead (as Pb) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.2.5 ppm
17	Copper (as Cu) ppm	B.L.Q.(Q.L.=1.0)	GL/SOP/I-055	Max.30.0 ppm
18	Arsenic (as As) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.1.1 ppm
19	Tin (as Sn) ppm	B.L.Q. (Q.L.=0.5)	GL/SOP/I-056	Max.250 ppm
20	Zinc (as Zn) ppm	B.L.Q.(Q.L.=1.0)	GL/SOP/I-055	Max.50.0ppm
21	Cadmium (as Cd) ppm	B.L.Q. (Q.L.=0.02)	GL/SOP/I-054	Max.1.5 ppm
22	Methyl Mercury (as Hg) ppm	B.L.Q. (Q.L.=0.1)	GL/SOP/I-054	Max.0.25 ppm
23	Trichlorfon ppm	B.L.Q.(Q.L.=0.01)	GL/SOP/I-029	Max.0.05 mg/kg
24	Phenthoate ppm	B.L.Q.(Q.L.=0.01)	GL/SOP/I-029	Max.0.01 mg/kg
25	Phorate ppm	B.L.Q.(Q.L.=0.01)	GL/SOP/I-029	Max.0.03 mg/kg
26	Total Aflatoxin mcg/kg	B.L.Q. (Q.L.=0.5)	GL/SOP/I-091	Max.30.0 mcg/kg
27	TBHQ ppm	52.18	GL/SOP/I-043	Max. 200

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