

ENVITRO LABORATORIES PVT. LTD.

ANALYTICAL, TESTING, RESEARCH, SCIENTIFIC TRADING AND TRAINING
CERTIFICATION SERVICES FOR FOOD, AGRICULTURE, ENVIRONMENT, CONSTRUCTION
MATERIAL, PHARMACEUTICALS, COSMETICS AND VARIOUS OTHER INDUSTRIES



TEST REPORT

Page 1 of 1

TEST REPORT No. : E/2511383 DATE OF ISSUE: 27/11/2025
REPORT ISSUED To : Vanshil International Co.
ADDRESS : Office No-301, Ashirwad Square, Near Satellite School, Morbi Road, Rajkot
SAMPLE COLLECTED BY : Self
SAMPLE DESCRIPTION : Groundnut Oil

BRAND NAME:	SARDAR OIL		
QUANTITY	BATCH NO.	DOM	DOE
1 Lit.	Not Mention	Not Mention	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS : 25/11/2025		
25/11/2025	DATE OF COMPLETION OF ANALYSIS : 27/11/2025		

CHEMICAL PARAMETER:

SR. NO	TEST PARAMETER	UNIT	SPECIFIED LIMITS AS PER FSSAI, 2011	TEST RESULTS
1.	Butyro – refractometer Reading (BR)	--	54.0 - 57.1	54.8
2.	Saponification Value	--	188 - 196	189.45
3.	Iodine Value	--	85 - 99	88.33
4.	Unsaponifiable Matter	%	NMT 1.0	0.33
5.	Acid Value or	--	NMT 6.0	0.87
6.	Free Fatty Acids	%	---	0.43
7.	Bellier Test	°C	39 to 41	40
8.	Argemone Oil (Qualitative)	--	---	Negative
9.	Rancidity	---	---	Absent
10.	Peroxide Value	mEq/kg	≤10	2.96
11.	Foreign Matter (Qualitative)	--	---	Absent
12.	Added Coloring or Flavouring Substances (Qualitative)	--	---	Absent
13.	Mineral oil (Qualitative)	--	---	Absent

*NMT= Not More Than

Opinion: All values align with expected standards, indicating product compliance.

REMARKS:

- 1 This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The Director, ENVITRO LABORATORIES, RAJKOT.
- 2 The test report pertains to the sample tested.
- 3 Sample not drawn by us.
- 4 All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
- 5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only.

Nayan Vaja
TESTED BY
NAYAN VAJA



Drashti Chavda
ISSUES BY
DRASHTI CHAVDA

*** End of Report ***

If you have any complaint /feedback regarding the sample collection, testing, test report please send an email Page 1 of 1

● Envitro Group Of Companies, 6-Naval Nagar Corner, Mavdi Main Road, Rajkot-360004 Gujrat, India.

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TEST REPORT

TEST REPORT No.	E/2511382	2025-26	DATE OF ISSUE	27/11/2025
REPORT ISSUED To	Vanshil International Co.			
ADDRESS	Office No-301, Ashirwad Square, Near Satellite School, Morbi Road, Rajkot			
SAMPLE COLLECTED BY	Self			
SAMPLE DESCRIPTION	Groundnut Oil			

SAMPLE COLLECTION	Sealed	BRAND NAME	sardar oil
SAMPLE QTY.	1 ltr	DATE OF ANALYSIS	25/11/2025
DATE OF RECEIPT	25/11/2025	DATE OF COMPLETION OF ANALYSIS	27/11/2025

NUTRITIONAL VALUES ANALYSIS

SR. NO.	TEST PARAMETER	UNIT OF MEASUREMENT	METHOD OF ANALYSIS	RESULT
1	Moisture	g/100g	Oven Drying	0.18
2	Total Protein	g/100g	Total Kjeldahl Method	0.00
3	Total Fatty acids	g/100g	Soxhlet Extraction	99.82
4	Polyunsaturated Fatty acids	g/100g	Gas Chromatography	16.59
5	Saturated fatty acids	g/100g	Gas Chromatography	17.81
6	Mono unsaturated fatty acids	g/100g	Gas Chromatography	65.40
7	Trans fatty acids	g/100g	Gas Chromatography	0.00
8	Cholesterol	mg/100g	Gas Chromatography	0.00
9	Total Carbohydrates	g/100g	By Calculation	0.00
10	Dietary fiber	g/100g	By Gravimetric	0.00
11	Sugar	g/100g	By Spectrophotometric	0.00
12	Added Sugar	g/100g	FSSAI Manual	0.00
13	Iron	mg/100g	By Spectrophotometric	0.00
14	Calcium	mg/100g	By Titration	0.00
15	Calories/ Energy Value	Kcal	By Calculation	898.4
16	Sodium	mg/100g	By Flame Photometric	0.00
17	Vitamin A	mcg/100g	By Fluorometric	0.00
18	Vitamin C	mg/100g	By Spectrophotometric	0.00
19	Vitamin D	mcg/100g	By HPLC	0.00
20	Potassium	mg/100g	By Flame Photometric	0.00

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Tested By
NAYAN VAJA




Issued By
DRASHTI CHAVDA

End of Report

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