



**PARIKSHAN FSS PRIVATE LIMITED**  
**OFFICE NUMBER: 044-22500204**  
**MOBILE NUMBER: +919500085159**  
**E-mail: admin@parikshan.com**  
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**PARIKSHAN FSS PVT LTD**  
**SUN TOWER, 1<sup>st</sup>, 2<sup>ND</sup> FLOOR,**  
**SUPER A7, T.V.K INDUSTRIAL ESTATE,**  
**GUINDY, CHENNAI-600032**

**TEST REPORT**

<b>DISCIPLINE</b>	<b>CHEMICAL</b>	<b>SAMPLE CODE NO:</b>	CL070509
<b>ULR NUMBER:</b>	TC1430825000005539F	<b>GROUP:</b>	<b>FOOD AND AGRICULTURAL PRODUCTS</b>
<b>REPORT DATE:</b>	31.07.2025	<b>REPORT NUMBER:</b>	PACH 25/07/0643
<b>CUSTOMER PROVIDED INFORMATION</b>			
<b>ISSUED TO:</b>	SPT FOODS AND COSMETICS PRIVATE LIMITED		
<b>ADDRESS:</b>	NO.4, VEDHANAYAGAM ROAD ELIMS NAGAR, PAZANJUR, PAPPAN CHATIRAM, CHENNAI, THIRUVALLUR, TAMIL NADU, CHENNAI - 600123		
<b>SAMPLE NAME:</b>	GROUNDNUT OIL		
<b>SAMPLE DESCRIPTION:</b>	YELLOW COLOUR OIL PACKED IN PET BOTTLE	<b>BATCH NUMBER:</b>	NA
<b>SAMPLING LOCATION:</b>	CUSTOMER LOCATION	<b>MANUFACTURING DATE:</b>	NA
<b>SAMPLING TECHNIQUE:</b>	BY CUSTOMER	<b>BEST BEFORE:</b>	NA
<b>SAMPLING TEMPERATURE:</b>	NA	<b>SAMPLE QUANTITY:</b>	500 ml
<b>LABORATORY INFORMATION</b>			
<b>SAMPLING DATE:</b>	NA	<b>SAMPLE COLLECTED BY:</b>	CUSTOMER
<b>SAMPLE RECEIVED ON:</b>	24.07.2025	<b>SAMPLE RECEIVING CONDITION:</b>	ACCEPTABLE
<b>TESTING COMMENCED ON:</b>	25.07.2025	<b>TESTING COMPLETED ON:</b>	31.07.2025

S.NO.	PARAMETER	METHOD OF TESTING	REQUIREMENT AS PER FSSAI	RESULTS	UNIT OF MEASUREMENTS
1.	Butyro Refractometer Reading @40°C	IS 548 (Part 1) -1964(Reaff: 2021)	54.0 to 57.1	55.22	-
2.	RI value @40°C	IS 548 (Part 1) -1964(Reaff: 2021)	1.4620-1.4640	1.4627	-
3.	Iodine Value	IS 548 (Part 1) -1964(Reaff: 2021)	85.0 to 99.0	88.3	-
4.	Saponification Value	IS 548 (Part 1) -1964(Reaff: 2021)	188 to 196	190.1	-
5.	Unsaponifiable matter	IS 548 (Part 1) -1964(Reaff: 2021)	NMT 1.0	0.59	%
6.	Acid Value	IS 548 (Part 1) -1964(Reaff: 2021)	NMT 6.0	3.66	mg/KOH/g
7.	Polenske Value	IS 548 (Part 1/Sec 2) -1964 (Reaff: 2021)	NA	BDL(DL:0.1)	-
8.	Test for Argemone oil	IS 548 (Part 2): 2015	Shall be Negative	Negative	-
9.	Test for Rancidity	FSSAI manual of oil and fats: p -37	Shall be negative	Negative	-
10.	Suspended or other foreign matter	IS 548 (Part 1) -1964(Reaff: 2015)	Shall be Absent	Absent	-
11.	Saturated fat	AOAC 22 <sup>st</sup> Edn. 996.01 ;2023	NA	20.58	%
12.	Monounsaturated fat	AOAC 22 <sup>st</sup> Edn. 996.01 ;2023	NA	48.53	%
13.	Polyunsaturated fat	AOAC 22 <sup>st</sup> Edn. 996.01 ;2023	NA	30.49	%

**Test carried out at: SUPER A7, SUN TOWERS 1<sup>ST</sup>&2<sup>ND</sup>FLOOR, THIRU-VI-KA-IND-ESTATE, GUINDY, CHENNAI-600032**

<b>VERSION NO: 0</b>	<b>DOC ID: P.FO. QCTL.16</b>	<b>EFFECTIVE DATE: 03.04.2023</b>	<b>REVISED: -</b>
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**TEST REPORT**

<b>DISCIPLINE</b>	<b>CHEMICAL</b>	<b>SAMPLE CODE NO:</b>	CL070509
<b>ULR NUMBER:</b>	TC1430825000005539F	<b>GROUP:</b>	FOOD AND AGRICULTURAL PRODUCTS
<b>REPORT DATE:</b>	31.07.2025	<b>REPORT NUMBER:</b>	PACH 25/07/0643
<b>CUSTOMER PROVIDED INFORMATION</b>			
<b>ISSUED TO:</b>	SPT FOODS AND COSMETICS PRIVATE LIMITED		
<b>ADDRESS:</b>	NO.4, VEDHANAYAGAM ROAD ELIMS NAGAR, PAZANJUR, PAPPAN CHATIRAM, CHENNAI, THIRUVALLUR, TAMIL NADU, CHENNAI - 600123		
<b>SAMPLE NAME:</b>	GROUNDNUT OIL		
<b>SAMPLE DESCRIPTION:</b>	YELLOW COLOUR OIL PACKED IN PET BOTTLE	<b>BATCH NUMBER:</b>	NA
<b>SAMPLING LOCATION:</b>	CUSTOMER LOCATION	<b>MANUFACTURING DATE:</b>	NA
<b>SAMPLING TECHNIQUE:</b>	BY CUSTOMER	<b>BEST BEFORE:</b>	NA
<b>SAMPLING TEMPERATURE:</b>	NA	<b>SAMPLE QUANTITY:</b>	500 ml
<b>LABORATORY INFORMATION</b>			
<b>SAMPLING DATE:</b>	NA	<b>SAMPLE COLLECTED BY:</b>	CUSTOMER
<b>SAMPLE RECEIVED ON:</b>	24.07.2025	<b>SAMPLE RECEIVING CONDITION:</b>	ACCEPTABLE
<b>TESTING COMMENCED ON:</b>	25.07.2025	<b>TESTING COMPLETED ON:</b>	31.07.2025

S.NO.	PARAMETER	METHOD OF TESTING	REQUIREMENT AS PER FSSAI	RESULTS	UNIT OF MEASUREMENTS
14.	Omega -3 fatty acid	AOAC 22 <sup>st</sup> Edn. 996.01 ;2023	NA	BDL(DL:0.1)	%
15.	Omega -6 fatty acid	AOAC 22 <sup>st</sup> Edn. 996.01 ;2023	NA	30.49	%

NA - Not Applicable, NMT - Not More than, NLT - Not Less Than; BDL: Below Detection Limit, DL: Detection Limit

<b>REPORT MADE BY:</b>	<b>JEGA SHRUTHI</b>	<b>AUTHORISED BY</b>
<b>DESIGNATION:</b>	<b>CHEMIST</b>	 <b>SURYA PRIYADHARSHINI</b> <b>AUTHORIZED SIGNATORY</b>

**NOTE:**

- TEST RESULTS RELATE ONLY TO THE ITEMS TESTED.
- THIS TEST REPORT SHALL NOT BE REPRODUCED ANYWHERE EXCEPT IN FULL & IN SAME FORMAT WITHOUT THE APPROVAL OF LABORATORY.
- UNLESS INFORMED BY THE CUSTOMER, TEST SAMPLES WILL NOT BE RETAINED MORE THAN 5 DAYS FROM THE DATE OF ISSUE OF TEST REPORTS.
- LABORATORY IS NOT RESPONSIBLE FOR THE AUTHENTICITY OF PHOTOCOPIED TEST REPORTS.

----END OF REPORT----

Test carried out at: SUPER A7, SUN TOWERS 1<sup>ST</sup>&2<sup>ND</sup>FLOOR, THIRU-VI-KA-IND-ESTATE, GUINDY, CHENNAI-600032

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