

**TEST REPORT**

<b>Test Report No &amp; Date</b>	CTL/CH/F-04794/2025-26 & 15.10.2025
<b>Sample Number</b>	F-04794/25-26
<b>ULR No</b>	TC1431425000010980F
<b>Name of the Customer</b>	M/S VINAYAGA OIL MILL
<b>Address</b>	Rettai kinaru, Uthukuli R S, Tirupur- 638 752
<b>Sample Drawn by</b>	Customer
<b>Sample Name</b>	GROUNDNUT OIL
<b>Sample Description</b>	Chekku Groundnut Oil
<b>Sampling Location</b>	NA
<b>Sample Drawn on</b>	NA
<b>Sample Collected by</b>	NA
<b>Sampling Plan &amp; Procedure</b>	NA
<b>Sample Quantity</b>	500 ml
<b>Sample Condition</b>	Good & Received in Packed Condition.
<b>Environmental Conditions</b>	NA
<b>Equipment used for Sampling</b>	NA
<b>Sample Received on</b>	08.10.2025
<b>Analysis Started on</b>	09.10.2025
<b>Analysis Completed on</b>	14.10.2025

**Test Results:**

The above sample tested as received, and results are as follows:

S. NO	PARAMETERS	METHOD	UNITS	RESULTS	REQUIREMENTS *
1	Refractive index at 40°C	IS 548 (Part 1/Sec 2)	-	1.4630	1.4620-1.4640
2	Acid value	IS 548 (Part 1/Sec 2)	-	1.32	NMT 6.0
3	Iodine value	IS 548 (Part 1/Sec 2)	-	94.6	85 to 99
4	Saponification value	IS 548 (Part 1/Sec 2)	-	193.7	188 to 196
5	Unsaponifiable matter	IS 548 (Part 1/Sec 2)	%	0.78	NMT 1.0
6	Test for Rancidity	FSSAI 02.043 of Manual on Oil & Fat	-	Negative	Negative
7	Test for Mineral Oil	IS 548 P(II)	-	Negative	Negative

Note: NMT Not more than;



Verified by

For Chennai Testing Laboratory Pvt Ltd

  
Authorised Signatory

**S.MUTHUKUMARAN**  
SENIOR SCIENTIST  
(CHEMICAL)

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S. NO	PARAMETERS	METHOD	UNITS	RESULTS	REQUIREMENTS *
Heavy metals					
8	Lead as pb	CTL/SOP/FOOD/098	mg/kg	BLQ (LOQ 0.05)	NMT 0.1
9	Copper as Cu	CTL/SOP/FOOD/098	mg/kg	BLQ (LOQ 1.5)	NMT 30
10	Cadmium as Cd	CTL/SOP/FOOD/098	mg/kg	BLQ (LOQ 0.5)	NMT 1.5
11	Arsenic as As	CTL/SOP/FOOD/097	mg/kg	BLQ (LOQ 0.02)	NMT 0.1

Note : BLQ Below Limit of Quantification : LOQ Limit of Quantification: NMT Not More Than

\*As Per FSS Regulations 2011

**REMARKS:** The sample complies the requirements of FSS Regulations 2011 with respect to the parameter tested.

Statement of conformity is applied considering Decision rule as per CTL/QSP/16

\*\*\*END OF REPORT\*\*\*

*P. Parthasarathy*

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

*S. Munusamy*

Authorised Signatory

**S. MUNUSAMY  
SENIOR SCIENTIST  
(CHEMICAL)**

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<b>Sample Number</b>	F-04794/25-26
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<b>Address</b>	Rettai kinaru, Uthukuli R S, Tirupur- 638 752
<b>Sample Drawn by</b>	Customer
<b>Sample Name</b>	GROUNDNUT OIL
<b>Sample Description</b>	Chekku Groundnut Oil
<b>Sampling Location</b>	NA
<b>Sample Drawn on</b>	NA
<b>Sample Collected by</b>	NA
<b>Sampling Plan &amp; Procedure</b>	NA
<b>Sample Quantity</b>	500 ml
<b>Sample Condition</b>	Good & Received in Packed Condition.
<b>Environmental Conditions</b>	NA
<b>Equipment used for Sampling</b>	NA
<b>Sample Received on</b>	08.10.2025
<b>Analysis Started on</b>	09.10.2025
<b>Analysis Completed on</b>	14.10.2025

**Test Results:**

The above sample tested as received, and results are as follows:

S. NO	PARAMETERS	METHOD	UNITS	RESULTS	REQUIREMENTS *
Heavy metals					
1	Mercury as Hg	CTL/SOP/FOOD/097	mg/kg	BLQ (LOQ 0.05)	NMT 1.0

Note : BLQ Below Limit of Quantification : LOQ Limit of Quantification: NMT Not More Than

\*As Per FSS Regulations 2011

**REMARKS:** The sample complies the requirements of FSS Regulations 2011 with respect to the parameter tested.

Statement of conformity is applied considering Decision rule as per CTL/QSP/16

\*\*\*END OF REPORT\*\*\*

Note: NMT Not more than;

*P. D. Arthy*

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

*S. Munusamy*

Authorised Signatory

**S. MUNUSAMY  
SENIOR SCIENTIST  
(CHEMICAL)**

ESTD. 1977

**Vijayalakshmi Analytical Laboratory**  
67, Perundurai Road, (Near Indian Oil Petrol Bunk),  
ERODE - 638 011.

☎ 99761 14040 / 99761 14050 ✉ vijayalakshmilab1977@gmail.com

**CERTIFICATE OF ANALYSIS**

Date : 8.11.2023

SAMPLE IS NOT DRAWN BY THE LAB.  
ANALYSIS REQUIRED AS PER FOOD SAFETY AND STANDARDS ACT (FSSAI).

**1. PARTICULARS OF SAMPLE SUBMITTED BY :**

M/s. MITHRA EXPORT AND IMPORT, ERODE.

Nature of Sample : COCONUT OIL  
Reference : SAMPLE - 1  
Date of Receipt : 8.11.2023

**2. RESULT OF ANALYSIS :**

Free Fatty Acid (as Oleic) : 0.11 % (NMT-3.00)  
Acid value : 0.22 (NMT-6.00)  
Iodine value : 8.38 (7.50-10.0)  
B.R. Meter reading @ 40° c. : 34.7 (34.0-35.5)  
Refractive Index @ 40° c. : 1.4486 (1.4481-1.4491)  
Moisture : 0.13 % (NMT-0.25)  
Test for mineral oil : NEGATIVE

**3. REMARKS :**

Results are within the specifications.  
No adulterations have been found.



For Vijayalakshmi Analytical Lab.,

A handwritten signature in black ink, appearing to be "E", written over the printed name of the Chemist.

Chemist