

## TEST REPORT

ULR-TC682025000005785F

Report Issue Date : 29-Jan-2025

Reference Number : 001:FT:25:01:06195

Report Number : EQNX:001:FT:25:01:06195/A



NABL Scope



TC-6820

### Information Provided by Customer

Client Name : Matrika Natural Foods  
Address : Matrika Natural Foods, jalbera road Near Narayan Hospital., Ambala, Haryana, India-134003  
Sampling Location : -  
Sample Sub Group : Oils, Fats and related Products  
Sample Name : Groundnut Oil  
Contact Person : Vijeta

### Particulars of Sample Analysed

Sampling Protocol : NA Sample Collected by : Client

Quantity & Condition : Approx 200ml of sample in a client packaging is intact without any leaks or breaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
NA	21-Jan-2025	21-Jan-2025	27-Jan-2025

### ----- Result of Analysis -----

Discipline : Chemical Group : Food and Agricultural Products

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Refractive Index	-	FSSAI Manual for Oils and Fats (003) : 2021	1.4628	1.4620-1.4640
2	Saponification Value	-	FSSAI Manual for Oils and Fats (007) : 2021	192.78	188 - 196
3	Iodine Value	-	FSSAI Manual for Oils and Fats (010) : 2021	92.78	85 - 99
4	Unsaponifiable Matter	g/100g	IS 548 (Part 1) Section 2	0.52	NMT 1.0
5	Acid Value	mgKOH/g	FSSAI Manual for Oils and Fats (009) : 2021	0.51	NMT 6.0
6	Polenske Value	-	FSSAI Manual for Dairy and Dairy Products (090) : 2022	<0.5	Not Specified
7	Bellier's Test	°C	FSSAI Manual for Oils and Fats (012) : 2021	40.0	Not Specified

Comment : 1. NMT - Not More Than

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Remark : 1. The tested parameters conforms to the FSSAI Limits.

*Dr. Manisha Kharade*

Dr. Manisha Kharade  
Quality Manager  
(Reviewed & Authorised Signatory)

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab.
- The information provided by customer can affect the validity of results



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Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
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### ----- Result of Analysis -----

Discipline : Chemical Group : Residue and Contaminants in Food and Agricultural Products

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Hexane Residues	mg/kg	By GC-FID	<1	NMT 5.0

Comment : 1. NMT - Not More Than

Remark : 1. The tested parameters conforms to the FSSAI Limits.

Dr. Manisha Kharade  
Quality Manager  
(Reviewed & Authorised Signatory)

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