

## TEST REPORT

ULR-TC682025000005780F

Report Issue Date : 28-Jan-2025

Reference Number : 001:FT:25:01:06188

Report Number : EQNX:001:FT:25:01:06188/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 : Mustard 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	Iodine Value	-	FSSAI Manual for Oils and Fats (010) : 2021	108.45	96-112: Polybromide test shall be Negative
2	Refractive Index	-	FSSAI Manual for Oils and Fats (003) : 2021	1.4652	1.4646 - 1.4662
3	Saponification Value	-	FSSAI Manual for Oils and Fats (007) : 2021	171.25	168-177
4	Unsaponification Value	-	IS 548 (Part 1) Section 2	0.59	NMT 1.2
5	Acid Value	mgKOH/g	FSSAI Manual for Oils and Fats (009) : 2021	0.84	NMT 6.0
6	Presence of Hydrocyanic Acid	-	FSSAI Manual for Oils and Fats (035) : 2021	Passes the test	passes the test
7	Presence of Argemone Oil	-	FSSAI Manual for Oils and Fats (032) : 2021	Negative	Negative

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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Sampling Location : -  
Sample Sub Group : Oils, Fats and related Products  
Sample Name : Mustard 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 : 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 0.5

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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