



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-1100095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)



TEST REPORT

Format No. DARL/QF/50

ULR No.: TC516324000017427F

Report Issue to:
Treephala Earth Pvt Ltd
C-123, Defence Colony New Delhi 110024

Report No.	820241026FP036
Sample Receipt Date	26/10/2024
Test Started On	26/10/2024
Date of Completion	05/11/2024
Issue Date	05/11/2024

Name of Sample	Mustard Oil		
Brand Name	N.S.	Date of Sampling	N.S.
Sample Quantity	250 ml	Batch/Lot No.	N.S.
Sample Submitted by	By Party	Manufacturing Date	Not Specified
Sampling Method	N.S.	Expiry Date	Not Specified
Sample Description	Mustard Oil		

TEST RESULTS

Group Name : Food and Agriculture

Discipline : Chemical

S.No.	Parameters	Units	Results	FSSR-2011	Test Method
Chemical Parameters					
1	Test for mineral oil	---	Negative	Negative	IS :548 (Part 2) :1976 (Clause-12.0)
2	Test for Argemone oil	---	Negative	Negative	IS :548 (Part 2), 1976 (Clause-10)
3	Refractive Index at 40 degree Celsius	---	1.4655	1.4646 - 1.4662	IS: 548 (P-1), Sec-2 : 2021 (Clause-11.0)
4	B.R Reading	---	59.4	58 - 60.5	IS: 548 (P-1), Sec-2 : 2021 (Clause-11.0)
5	Saponification Value	---	171.48	168 - 177	"FSSAI Lab Manual For Oil and Fats : 2021 (Method No-02.007:2021)"
6	Iodine Value	---	103.64	96 - 112	IS: 548 (P-1), Sec-2 : 2021 (Clause-15.0)
7	Unsaponifiable matter	%	0.72	Max.-1.2	FSSAI Lab Manual For Oil and Fats : 2021 (Method No-02.008:2021)
8	Acid Value	---	1.24	Max.- 6.0	"FSSAI Lab Manual For Oil and Fats : 2021 (Method No-02.009:2021)"
9	Hydrocyanic acid	---	passes the test	Passes the test	Fssai Lab Manual Oil & Fats 2021 (Method No- FSSAI 02.035: 2021)



Note : 1. The results are related to the test items only. 2. Sample will be destroyed after one month from the date of issue of test report. 3. This report is not be reproduced wholly or in part and cannot as an evidence in the court of law and should not be used in any advertisement media without written consent. 4. Laboratory is not responsible for customer provided details. 5. When report is without NABL Symbol & ULR, it implies that these products & tests are not covered under NABL accredited scope.



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-1100095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)



TEST REPORT

Format No. DARL/QF/50

Report Issue to:
Treephala Earth Pvt Ltd
C-123, Defence Colony New Delhi 110024

ULR No.: TC516324000017427F

Report No.	820241026FP036
Sample Receipt Date	26/10/2024
Test Started On	26/10/2024
Date of Completion	05/11/2024
Issue Date	05/11/2024

TEST RESULTS

Group Name : Food and Agriculture

Discipline : Chemical

S.No.	Parameters	Units	Results	FSSR-2011	Test Method
10	Poly bromide test	---	negative	Negative	Fssai Lab Manual Oil & Fat Fssai Lab Manual Oil & Fats 2021 (Method No- FSSAI 02.018: 2021)
11	Allylisothiocyanate	%	0.30	0.2 Min	IS:548 (P-1) Sec-2 : 2021 (Clause No-18.0)

Note:- 1. BLQ: - Below Limit of Quantification. 2. Figure in bracket Indicate Limit of Quantification.

Remarks : The Tested Sample confirms as per FSSR-2011, with respect to above test only.

End of Report



Review by

Authorised Signatory

Deependra Tiwari
Mr. Deependra Tiwari
Authorized Signatory (Chemical)