



# OMSHIVA TEST HOUSE PRIVATE LIMITED

..... **PROTECTING SINCE 1988**

TESTING | CONSULTING | RESOLVING | TRAINING

**Head Office :**  
122-C, Aastha, Road No. 5A,  
Patliputra Colony,  
Patna – 800 013 (Bihar)  
Contact us : +918676886249  
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[cao@shivatesthouse.in](mailto:cao@shivatesthouse.in)



TC-14251

OMSHIVA TEST HOUSE PVT LTD



STH/25/11/98

## TEST REPORT

### Name and Address of Customer :

OTQ FOOD INDUSTRIES  
ADD: MAHABIR COLONY, NEPALI NAGAR  
ROAD NO. 07, P.S-RAJIV NAGAR,  
P.O- ASHIYANA AAGAR  
PATNA- 800025

### Laboratory Provided Details :

ULR Number STH/TR/25-26/11/98  
Sample Received on 04.11.2025  
Sample Condition on Receipt Fit for analysis  
Sample Quantity & Container 250ml; Pet Bottle x 2  
Sample Collected by Sample provided by Customer

### Information by Customer :

Name / Nature of Sample : Mustard Oil  
Location of Sampling : NA

W.O No.: NIL  
WO Date: NIL

### Analysis Details :

Sample Code STH/25/11/98  
Analysis Start Date 04.11.2025  
Analysis Completion Date 09.11.2025  
Items required to be Tested As per request  
Any Specific Test Method No  
Reporting Date 10.11.2025  
Report Prepared By Ranajit Biswas

## ANALYSIS RESULTS

| Sl. No                   | Test Parameter             | Unit    | Method of Test                                    | Specifications as per FSSR | Results |
|--------------------------|----------------------------|---------|---|----------------------------|---------|
| <b>Chemical Analysis</b> |                            |         |   |                            |         |
| 1.                       | Moisture                   | g/100g  | IS:548 (PART -01) Sec-01                          | Not Specified              | 0.12    |
| 2.                       | Acid Value                 | --      | IS:548 (PART -01) Sec-01                          | NMT 6.0                    | 1.04    |
| 3.                       | Added Colouring            | --      | IS:548 (PART -01) Sec-01                          | Absent                     | Absent  |
| 4.                       | Added Flavouring Substance | --      | IS:548 (PART -01) Sec-01                          | Absent                     | Absent  |
| 5.                       | FFA as oleic acid          | %       | IS:548 (PART -01) Sec-01                          | Not Specified              | 0.52    |
| 6.                       | Insoluble Impurities       | --      | SOP/STH/F&WP/OLP-15                               | Not Specified              | Absent  |
| 7.                       | Iodine Value               | --      | IS:548 (PART -01) Sec-01                          | 96-112                     | 106.21  |
| 8.                       | Mineral Oil                | --      | IS:548 (PART -02)                                 | Absent                     | Absent  |
| 9.                       | Peroxide Value             | m.eq/kg | IS:548 (PART -01) Sec-01                          | Absent                     | <1.0    |
| 10.                      | Rancidity                  | --      | FSSAI Manual for Oils & Fats<br>FSSAI 02.042:2021 | Absent                     | Absent  |



### N.B.:

(1) This report applies only to sample tested as above. (2) Total Liability of our Laboratory is limited to invoiced amount. (3) Test Report endorsed only the tests and not the product certificate. (4) Test Report cannot be reproduced partially or full for legal/court purpose without written permission of the Laboratory. (5) The samples will be retained for 3 days after the report generation.

Branch:1 Uttarakhand : 410 Pratap Palace, 3rd Floor 26 & 27 Dehradun - 248001, Mob: +91 -9999505562

Branch:2 Uttar Pradesh: M.S.-1/10, Sector A, Sitapur Road Yojna, Ram Ram Bank Chauraha, Lucknow-226021 Mob: +91 - 9336348520





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## TEST REPORT

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STH/25/11/98

Continuation Sheet

ULR Number.: STH/TR/25-26/11/98

## ANALYSIS RESULTS

| Sl. No                   | Test Parameter   | Unit | Method of Test           | Specification as per FSSR | Results |
|--------------------------|--|------|--------------------------|---------------------------|---------|
| <b>Chemical Analysis</b> |  |      |                          |                           |         |
| 11.                      | Refractive Index   | --   | IS:548 (PART -01) Sec-01 | 1.4646 to 1.4662          | 1.46519 |
| 12.                      | Saponification Value   | --   | IS:548 (PART -01) Sec-01 | 168 - 177                 | 172.24  |
| 13.                      | Sediment   | --   | SOP/STH/F&WP/OLP-15      | Absent                    | Absent  |
| 14.                      | Separated Water  | --   | IS:542                   | Absent                    | Absent  |
| 15.                      | Specific Gravity   | --   | IS:548 (PART -01) Sec-01 | Not Specified             | 0.909   |
| 16.                      | Suspended or other foreign matter  | --   | SOP/STH/F&WP/OLP-15      | Absent                    | Absent  |
| 17.                      | Turbidity  | --   | SOP/STH/F&WP/OLP-15      | Absent                    | Absent  |
| 18.                      | Unsaponifiable matter  | %    | IS:548 (PART -01) Sec-01 | NMT 1.2                   | 0.35    |
| <b>NB:</b>               | <b>Sample Collected by Customer &amp; Results applied to the sample as received.</b> |      |                          |                           |         |



*Vishal Sharma*

Reviewed by:  
Vishal Sharma (DQM)

*Chittaranjan Das*

Authorized Signatory:  
Chittaranjan Das, Sec. I/c (Food, Residue & Water Proximate, Trace Metals)

*Shreyasee Prasad*

Quality Manager :  
Dr. (Mrs.) Shreyasee Prasad

----- END OF REPORT -----

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