



OMSHIVA TEST HOUSE PRIVATE LIMITED

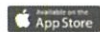
..... PROTECTING SINCE 1988

TESTING | CONSULTING | RESOLVING | TRAINING

Head Office :

122-C, Aastha, Road No. 5A,
Patliputra Colony,
Patna – 800 013 (Bihar)
Contact us : +918676886249
+919431047908

Email : ceo@shivatesthouse.in
cao@shivatesthouse.in



OMSHIVA TEST HOUSE PVT LTD



STH/24/12/668

TEST REPORT

Name and Address of Customer :

PRAYAG AGRO INDUSTRIES
RAMPUR, POST- SHRIKHINDA
PS- BAGHAILA,
ROHTAS, BIHAR- 802215

Laboratory Provided Details :

ULR Number STH/TR/24-25/12/668
Sample Received on 17.12.2024
Sample Condition on Receipt Fit for analysis
Sample Quantity & Container Sealed Pet Bottle, 500 ml
Sample Collected by Sample provided by Customer

Information by Customer :

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

W.O No.: NIL
WO Date: 17.12.2024

Analysis Details :

Sample Code STH/24/12/668
Analysis Start Date 17.12.2024
Analysis Completion Date 22.12.2024
Items required to be Tested As per request
Any Specific Test Method No
Reporting Date 27.12.2024
Report Prepared By Nikee Kumari

ANALYSIS RESULTS

| Sl. No | Parameters | Unit | Method | Specifications | Results |
|--------|-----------------------------|---------|----------------------|----------------|-------------------|
| 1. | FFA (as oleic acid) | % | IS 548 Part 1 | -- | 0.83 |
| 2. | Saponification Value | -- | IS 548 Part 1 | -- | 173.0 |
| 3. | Iodine Value | -- | IS 548 Part 1 | -- | 104.49 |
| 4. | Peroxide Value | meq/kg | IS 548 Part 1 | -- | 3.53 |
| 5. | Unsaponifiable Matter | g/100 g | IS 548 Part 1 | -- | 0.97 |
| 6. | Specific Gravity | -- | IS 548 Part 1 | -- | 0.9028 |
| 7. | Moisture | % | IS 548 Part 1 | -- | 0.12 |
| 8. | Acid Value | -- | IS 548 Part 1 | -- | 1.66 |
| 9. | SFA on Fat Basis | % | IS 548 Part 1 | -- | 5.9 |
| 10. | PUFA on Fat Basis | % | IS 548 Part 1 | -- | 26.92 |
| 11. | TFA on Fat Basis | % | IS 548 Part 1 | -- | 66.82 |
| 12. | Added Flavouring Substances | -- | IS 548 Part 1 | -- | ND |
| 13. | Mineral Oil | -- | IS 548 Part 1 | -- | ND |
| 14. | Added Colouring Substances | -- | IS 548 Part 1 | -- | Absent |
| 15. | Insoluble Impurities | -- | SOP/STH/F&WP/OLP-015 | -- | ND |
| 16. | Rancidity | -- | IS 548 Part 1 | -- | ND |
| 17. | Refractive Index | -- | IS 548 Part 1 | -- | ND |
| 18. | Sediment | | SOP/STH/F&WP/OLP-15 | -- | 1.4652 |
| 19. | Semi Siccative Oil Test | -- | IS 548 Part 1 | -- | No Sediment Found |



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





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STH/24/12/668

TEST REPORT

Continuation Sheet

ULR NUMBER.: STH/TR/24-25/12/668

ANALYSIS RESULTS

| Sl. No | Parameters | Unit | Method | Specifications | Results |
|--|-----------------------------------|------|----------------------|----------------|--------------------|
| 20. | Separated Water | -- | IS 548 Part 1 | -- | Negative |
| 21. | Sesame Seed Oil Test | -- | IS 548 Part 1 | -- | Negative |
| 22. | Suspended or Other Foreign Matter | -- | SOP/STH/F&WP/OLP-015 | -- | Negative |
| 23. | Tea Seed Oil Test | -- | IS 548 Part 1 | -- | <0.1 |
| 24. | Turbidity | -- | SOP/STH/F&WP/OLP-15 | -- | No Turbidity Found |
| 25. | Cholesterol | -- | AOAC 994.10 | -- | ND (BLQ) |
| NB: Sample Collected by Customer & Results applied to the sample as received. | | | | | |

ND: Not Detected; BLQ: Below Limit of Quantification



Vishal Sharma

Reviewed by :
Vishal Sharma (DQM)

Chittaranjan Das

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

Shreyasee Prasad

Quality Manager :
Dr. (Mrs.) Shreyasee Prasad

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

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STH/24/12/669

TEST REPORT

Name and Address of Customer :

PRAYAG AGRO INDUSTRIES
RAMPUR, POST- SHRIKHINDA
PS- BAGHAILA,
ROHTAS, BIHAR- 802215

Laboratory Provided Details :

ULR Number STH/TR/24-25/12/669
Sample Received on 17.12.2024
Sample Condition on Receipt Fit for analysis
Sample Quantity & Container Sealed Pet Bottle, 1 Ltr.

Sample Collected by Sample provided by Customer

Information by Customer :

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

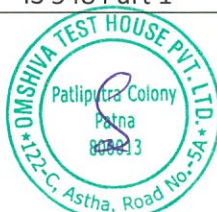
W.O No.: NIL
WO Date: 17.12.2024

Analysis Details :

Sample Code STH/24/12/669
Analysis Start Date 17.12.2024
Analysis Completion Date 22.12.2024
Items required to be Tested As per request
Any Specific Test Method No
Reporting Date 27.12.2024
Report Prepared By Nikee Kumari

ANALYSIS RESULTS

| Sl. No | Parameters | Unit | Method | Specifications | Results |
|--------|-----------------------------|---------|----------------------|----------------|-------------------|
| 1. | FFA (as oleic acid) | % | IS 548 Part 1 | -- | 0.82 |
| 2. | Saponification Value | -- | IS 548 Part 1 | -- | 171.0 |
| 3. | Iodine Value | -- | IS 548 Part 1 | -- | 102.61 |
| 4. | Peroxide Value | meq/kg | IS 548 Part 1 | -- | 3.52 |
| 5. | Unsaponifiable Matter | g/100 g | IS 548 Part 1 | -- | 0.98 |
| 6. | Specific Gravity | -- | IS 548 Part 1 | -- | 0.9044 |
| 7. | Moisture | % | IS 548 Part 1 | -- | 0.13 |
| 8. | Acid Value | -- | IS 548 Part 1 | -- | 1.52 |
| 9. | SFA on Fat Basis | % | IS 548 Part 1 | -- | 5.83 |
| 10. | PUFA on Fat Basis | % | IS 548 Part 1 | -- | 26.36 |
| 11. | TFA on Fat Basis | % | IS 548 Part 1 | -- | 65.6 |
| 12. | Added Flavouring Substances | -- | IS 548 Part 1 | -- | ND |
| 13. | Mineral Oil | -- | IS 548 Part 2 | -- | ND |
| 14. | Added Colouring Substances | -- | IS 548 Part 1 | -- | Absent |
| 15. | Insoluble Impurities | -- | SOP/STH/F&WP/OLP-015 | -- | ND |
| 16. | Rancidity | -- | IS 548 Part 1 | -- | ND |
| 17. | Refractive Index | -- | IS 548 Part 1 | -- | ND |
| 18. | Sediment | | SOP/STH/F&WP/OLP-15 | -- | 1.4648 |
| 19. | Semi Siccative Oil Test | -- | IS 548 Part 1 | -- | No Sediment Found |



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TC-14251

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STH/24/12/669

TEST REPORT

Continuation Sheet

ULR NUMBER.: STH/TR/24-25/12/669

ANALYSIS RESULTS

| Sl. No | Parameters | Unit | Method | Specifications | Results |
|------------|--|------|----------------------|----------------|--------------------|
| 20. | Separated Water | -- | IS 542 | -- | Negative |
| 21. | Sesame Seed Oil Test | -- | IS 548 Part 1 | -- | Negative |
| 22. | Suspended or Other Foreign Matter | -- | SOP/STH/F&WP/OLP-015 | -- | Negative |
| 23. | Tea Seed Oil Test | -- | IS 548 Part 1 | -- | <0.1 |
| 24. | Turbidity | -- | SOP/STH/F&WP/OLP-15 | -- | No Turbidity Found |
| 25. | Cholesterol | -- | AOAC 994.10 | -- | ND (BLQ) |
| NB: | Sample Collected by Customer & Results applied to the sample as received. | | | | |

ND: Not Detected; BLQ: Below Limit of Quantification



Vishal Sharma

Reviewed by :
Vishal Sharma (DQM)

Chittaranjan Das

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

Shreyasee Prasad

Quality Manager :
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