

JIRASO ORGANICS PRIVATE LIMITED

Shudhata aise pahle jaisi

QUALITY ASSURANCE & PURITY SUMMARY

Product Name:	Wood Pressed Mustard Oil	Accredited Lab:	UniQ Nutri Bio-Sciences
Report Reference:	UNBS/NABL/26-27-602	NABL Certificate:	TC-14973
Clearance Date:	16-05-2026	Sample Status:	Standard Compliant (OK)

This document highlights core analytical parameters extracted from our official laboratory report for customer clarity and quality verification.

1. Authentication & Pure Extraction Metrics

- Argemone Oil Free:** **NEGATIVE** — Ensures 100% safety and pure seed sourcing free of wild weed contamination.
- Mineral Oil Absence:** **ABSENT** — Guaranteed zero petroleum hydrocarbon or cheap synthetic adulteration.
- Rancidity Test:** **NEGATIVE** — Confirms fresh seed compression, premium shelf stability, and low oxidation.
- Moisture Control:** **0.09%** — Maintained well below thresholds to protect natural structural stability and prevent degradation.
- Traditional Physical Indexes:** Refractive Index at 40°C sits perfectly at **1.4650** and the Saponification value measures **171.80**, verifying authentic, unmodified mustard properties.

2. Macro & Micro Nutritional Values (Per 100g)

Nutritional Metric	Unit	Observed Content
Energy Value	kcal	899.01
Total Healthy Lipids (Fat)	g	99.89
• Monounsaturated Fatty Acids (MUFA)	g	63.32
• Polyunsaturated Fatty Acids (PUFA)	g	24.54

Nutritional Metric	Unit	Observed Content
• Saturated Fatty Acids	g	10.43
Trans Fatty Acids	g	0.0 (Zero)
Cholesterol Level	mg	0.0 (Zero)
Omega-3 Essential Fatty Acids	g	6.11
Omega-6 Essential Fatty Acids	g	9.32
Natural Vitamin E (Tocopherol)	mg	17.98

3. Safety Clearance & Contaminant Screening

- **Heavy Metals Screening:** Lead, Arsenic, Mercury, and Cadmium concentrations registered completely **Below Limit of Quantification (BLQ)**, ensuring clean non-toxic processing.
- **Agricultural Pesticide Residues:** Screened comprehensively across 50+ major pesticide categories (including Organophosphorus and Carbamates)—all elements passed perfectly as **BLQ (LOQ 0.01 mg/kg)**.
- **Mycotoxins & Toxin Control:** Total Aflatoxin and Aflatoxin B1 recorded strictly as **ND (Not Detected)**, proving safe post-harvest storage.

Official Compliance Remark

"The test sample CONFORMS as per Food Safety and Standards Regulations (FSSR), 2011 with respect to the parameters tested."

Need to inspect the full data?

Our complete 7-page analytical sheet mapping every single microchemical test is freely available to our customers. Please contact our support line or your client portal to request a complete unedited copy.

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