

**CERTIFICATE OF ANALYSIS
ORGANIC MONGONGO SEED OIL**

Representative COA | Updated: September 2026

REPRESENTATIVE / INDICATIVE CERTIFICATE OF ANALYSIS

This COA is representative of the supplied grade and is provided for technical evaluation. Commercial orders are supplied against the allocated production batch, with the corresponding batch-specific COA provided prior to shipment.

1. PRODUCT IDENTIFICATION

Product Name	Mongongo Seed Oil – Organic
INCI Name	Schinziohyton Rautanenii Kernel Oil
Botanical Name	Schinziohyton rautanenii
Plant Part	Kernel
Country of Origin	South Africa
Grade	Organic, unrefined cold-pressed cosmetic lipid oil

2. REPRESENTATIVE BATCH INFORMATION

Sample Description	Organic Mongongo Seed Oil
Representative Batch	MGOM22/29/04/01/26
Production Date	29 January 2026
Retest Date	29 January 2029
Extraction Method	Cold Press
Source COA	MGOM22/29/04/01/26

3. ANALYTICAL RESULTS

Parameter	Method	Result	Units
Colour	Sensory evaluation	Complies	-
Odour	Sensory evaluation	Complies	-
Moisture	Loss on drying	0.02	%
Refractive Index	AOAC Method 920.141	1.48785	nD
Peroxide Value	Titrimetric (AOCS 965:33)	4.59	meq O ₂ /kg
Acid Value	Titrimetric (AACC Methods 01-01.02)	1.20	mg KOH/g
Free Fatty Acids	Calculation	0.60	%
Density (20°C)	Calculation	0.91	-
Iodine Value	Titrimetric (AACC Methods 01-01.02)	133.7	g I ₂ /100 g
Oleic Acid (C18:1)	Gas Chromatography	14.5	%
Linoleic Acid (C18:2)	Gas Chromatography	36.4	%

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α -Eleostearic Acid (C18:3)	Gas Chromatography	30.3	%
Palmitic Acid (C16:0)	Gas Chromatography	7.4	%
Stearic Acid (C18:0)	Gas Chromatography	5.5	%
Total Plate Count	AOAC Official Method 966.23	58	CFU/g
Yeasts	AOAC Official Method 966.23	0	CFU/g
Mould	AOAC Official Method 966.23	65	CFU/g
Lead (Pb)	ICP-MS	0.003	mg/kg
Arsenic (As)	ICP-MS	0.006	mg/kg
Cadmium (Cd)	ICP-MS	0.023	mg/kg
Mercury (Hg)	ICP-MS	<0.001	mg/kg

4. STATUS & TRACEABILITY

Organic status: Certified organic. Batch traceability and applicable organic certification documentation are available with commercial supply.

5. IMPORTANT NOTE

The analytical values above relate to the representative batch identified in this document and should not be interpreted as guaranteed results for every future batch. Natural variation may occur between production batches. The batch-specific COA issued for the material allocated to an order governs that shipment.

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