

**TECHNICAL DATA SHEET
BAOBAB SEED OIL ORGANIC**

Revision: September 2026

1. PRODUCT IDENTIFICATION

Product Name	Baobab Seed Oil – Organic
INCI Name	Adansonia Digitata Seed Oil
Botanical Name	Adansonia digitata
Plant Part Used	Seeds
Country of Origin	South Africa / Zimbabwe
HS Code	1515.90.90
Recommended Use	Cosmetic and personal-care formulations

2. DESCRIPTION & FUNCTION

A premium cold-pressed African lipid oil with a characteristic golden-yellow colour and subtle nutty odour. Its fatty-acid profile contains substantial oleic, linoleic and palmitic acids and it is used as an emollient in skin- and hair-care formulations.

3. PROCESSING

Extraction	Cold-pressed; mechanical screw-expeller extraction
Further Treatment	Successive physical filtrations; no additional processing
Additives / Preservatives	None

4. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Yellow to golden
Odour	Subtle, characteristic nutty odour
Specific Gravity (20°C)	0.910 – 0.930
Refractive Index (20°C)	1.46 – 1.50

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5. TYPICAL FATTY ACID PROFILE

Oleic Acid (C18:1)	30.0 – 42.0%
Linoleic Acid (C18:2)	20.0 – 35.0%
α-Linolenic Acid (C18:3)	1.0 – 3.0%
Palmitic Acid (C16:0)	18.0 – 30.0%
Stearic Acid (C18:0)	2.0 – 9.0%

Typical profile only; natural variation occurs between batches.

6. QUALITY PARAMETERS

Peroxide Value	Maximum 15 meq O ₂ /kg; refer to current COA
Acid Value	Maximum 10 mg KOH/g; refer to current COA
Free Fatty Acids	Maximum 5%; refer to current COA

7. STORAGE & SHELF LIFE

Shelf life: 24 months from date of manufacture when stored in sealed original containers under recommended conditions. Retesting may be undertaken thereafter. Store in a cool, dry place below 25°C, protected from light and heat.

8. CERTIFICATION & STATUS

Organic Status	Certified organic
Certification	EU Organic / NOP; applicable certification supplied on request
GMO Status	Non-GMO
Allergen Status	See current product allergen declaration
Composition	100% plant-derived lipid oil; no added preservatives

9. TRACEABILITY

Full batch traceability is maintained. A representative COA may be supplied for technical evaluation; commercial orders include the corresponding batch-specific COA.