

ORGANIC ARGAN OIL

Updated: January 2021

1. DESCRIPTION: Argan Oil (*Argania Spinoza*) is extracted by mechanical pressure of the almond derived from the kernel of the endemic Argan tree, without first being roasted.

After settling, the oil is filtered through filter paper.

2. CHARACTERISTICS

- CAS number: 223747-87-3
- INCI: *Argania Spinoza* Kernel oil.
- Country of Origin: Morocco
- Cultivation :Organic certified by ECOCERT
- Quality: 100 % Argan Oil without the addition of another oil, obtained by cold pressed from kernels.

Parameters

Specifications

Appearance	Clear liquid
Color	Light yellow
Odor	characteristic
Specific gravity at 20°C	0.908-0.918
Peroxide value	Max 10 meq O ₂ /Kg
Free Acidity	Max 4

3. FATTY ACID PROFIL (Major acids)

Acid name	C-chaine	Range
Palmitic	C16:0	12.0% to 16.0%
Stearic	C18:0	5.0% to 6.0%
Oleic	C18:1	40.0% to 48.0%
Linoleic	C18:2	30.0% to 35.0%
Linolenic	C18:3	0.2%
Arachidic	C20:0	0.4%

4. OTHER CHARACTERISTICS:

- Energy: 3700 KJ (900 KCAL)/100g
- Cholesterol: 0.2%
- Vitamin E (Tocopherols weighted sum): 60 Mg/100 g

Indices (according to method en ISO 3656)

- K270 Index: <0.2
- K232 Index: < 2.5
- Delta K: <0.01
- Stigmastadienes according to EEC Regulation 656/95: Max 0.15 ppm
- Residues of organochlorine and organophosphorus pesticides: Method by GC/MS
- Lump Sum: Max 0.02 ppm(Value set by ECOCERT)

5. STORAGE CONDITIONS:

Protect from exposure to moisture, light and pests. Do not expose to extreme temperatures (heat being particularly damaging) and keep tightly sealed.

6. SHELF LIFE: 18 months