

CERTIFICATE OF ANALYSIS

Product Name	ARGAN OIL
Botanical Name	Argania spinosa
Product Code	PCO4002
CAS #	223747-87-3
INCI Name	Argania spinosa (Argan) Kernel oil

Batch #	LOT0023053
Manufacturing Date	03/2026
Best Before Date	03/2028

Part Used	Fruit Kernels
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Oily liquid	CONFORMS
Odour	Characteristic - almost odourless	CONFORMS
Color	Clear, light yellow	CONFORMS
Color Y/R	MAX 30 _Y /2,5 _R	18.0 _Y , 1.3 _R
Specific Gravity @ 20°C	0.908 – 0.918	0.915
Peroxide Value	<10.0	1.0
Free Fatty Acid	<0.5	0.1
Refractive Index @ 20°C	1.465 – 1.475	1.471
Iodine Value (g I₂/100g)	95.0 – 105.0	101.0
Saponification Value (mgKOH/g)	187.0 – 195.0	192.0

Shelf life is guaranteed for three years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Because this material is sensitive to oxidation, it is saturated with nitrogen and sealed with nitrogen atmosphere for protection. If containers are opened for sampling, be sure to refill atmosphere with nitrogen. Containers that have been opened should be tested at least yearly to ensure potency. Although we believe the above information to be accurate based on the information available to Avena Lab, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Avena Lab meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material is subject to Avena Lab standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>	<u>RESULTS (%)</u>
Palmitic Acid	C16:0	10.00 – 15.00	11.10
Palmitoleic Acid	C16:1	< 1.00	0.20
Stearic Acid	C18:0	3.00 – 6.50	3.30
Oleic Acid	C18:1	45.00 – 55.00	50.40
Linoleic Acid	C18:2	28.00 – 36.00	32.50
Linolenic Acid	C18:3	< 1.00	1.00

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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