

NOW

CERTIFICATE OF ANALYSIS

Argan Oil (*Argania spinosa*)

PRODUCT NAME	Organic Argan Oil
INCI NAME	Argania Spinosa (Argan) Nut Oil
CAS NUMBER	223747-87-3
PRODUCT USE	Personal Care Formulations
COUNTRY OF ORIGIN	Morocco
CULTIVATION METHOD	Organic, Pure
EXTRACTION METHOD	Freshly Cold Pressed
MANUFACTURING DATE	January 2024
SHELF LIFE	January 2027

ANALYTICAL TEST	SPECIFICATIONS (RANGE)	RESULTS
APPEARANCE	Clear light yellow to golden colored liquid	CONFORMS
ODOUR	Nearly odourless	CONFORMS
SPECIFIC GRAVITY (g/mL)	0.908 - 0.918 @ 20°C	0.912
PEROXIDE VALUE (meq O ₂ /kg)	Less than 10	CONFORMS
SAPONIFICATION VALUE (mgKOH/g)	185.0 – 200.0	193
RELATIVE DENSITY	0.908 – 0.918	0.917
IODINE VALUE (g I ₂ /100g)	95.0 – 105.0	99.0
FREE FATTY ACID (% oleic)	Less than 0.5	0.1
ACID VALUE (mgKOH/g)	Less than 1.0	0.2
SOLUBILITY	Soluble in Cosmetic esters and fixed oils; Insoluble in water	CONFORMS

FREE FATTY ACID PROFILE		SPECIFICATIONS (RANGE)	RESULTS
C-CHAIN	ACID NAME		
C16:0	Palmitic Acid	10.00 - 15.00	11.8
C18:0	Stearic Acid	4.00 - 7.00	4.7
C18:1 (n-9)	Oleic Acid	43.00 - 50.00	47.3
C18:2 (n-6)	Linoleic Acid	29.00 - 37.00	34.4

STABILITY AND STORAGE

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. Containers that have been opened should be tested at least yearly to ensure potency. Although NOW Sustainability believes the above information to be accurate based on the information available to NOW Sustainability, 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 NOW Sustainability 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 NOW Sustainability standard terms and conditions.

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