

CERTIFICATE OF ANALYSIS (COA)

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

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Clear light yellow to golden colored liquid	CONFORMS
Odour	Nearly odourless	CONFORMS
Refractive Index	1.450 - 1.475 @ 20°C	1.460
Specific Gravity (g / mL)	0.900 - 0.930 @ 20°C	0.917
Saponification Value (mgKOH / g)	185 - 200	191
Peroxide Value (meq O ₂ / kg)	Max 5.0	3.21
Iodine Value (g I ₂ / 100g)	95 - 105	98
Free Fatty Acids (% oleic)	Less than 0.5	CONFORMS
Acid Value (mgKOH / g)	Max 4.0	CONFORMS
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATI</u>	<u>RESULTS</u>
Palmitic Acid	<u>C16:0</u>	<u>4.00 - 14.00</u>	<u>11.10</u>
Stearic Acid	<u>C18:0</u>	<u>2.0.00 - 6.00</u>	<u>3.20</u>
Oleic Acid	<u>C18:1 (n-9)</u>	<u>40.00 -</u>	<u>46.30</u>
Linoleic Acid	<u>C18:2 (n-6)</u>	<u>30.00 -</u>	<u>38.22</u>