

TECHNICAL DATA SHEET

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

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden slightly viscous liquid
Odour	Slightly fatty, nutty odour to almost odorless
Refractive Index	1.450 - 1.490 @ 20°C
Specific Gravity (g/mL)	0.908 - 0.918 @ 20°C
Saponification Value (mgKOH/g)	189 - 199
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	91 - 110
Free Fatty Acids (% oleic)	Less than 3.0
Acid Value (mgKOH/g)	Less than 6.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	10.00 – 15.00
Stearic Acid	C18:0	4.30 – 7.20
Oleic Acid	C18:1 (n-9)	43.00 – 50.00
Linoleic Acid	C18:2 (n-6)	29.00 – 37.00

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

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