

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	Clear light yellow to golden colored liquid
Odour	Nearly odourless
Refractive Index	1.460 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.908 - 0.918 @ 20°C
Saponification Value (mgKOH/g)	185 - 200
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	95 - 105
Free Fatty Acids (% oleic)	Less than 0.5
Acid Value (mgKOH/g)	Less than 1.0
Solubility	Soluble in Cosmetic esters 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	4.00 – 7.00
Oleic Acid	C18:1 (n-9)	43.00 – 50.00
Linoleic Acid	C18:2 (n-6)	29.00 – 37.00

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Salvia Cosmeceuticals provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.