



TECHNICAL DATA SHEET

PRODUCT NAME (UE)	ARGAN OIL ORGANIC DEODORIZED
PRODUCT NAME (ITA)	OLIO DI ARGAN BIOLOGICO DEODORATO
INCI NAME (EU)	ARGANIA SPINOSA OIL
INCI NAME (US)	ARGANIA SPINOSA
CAS NUMBER	223747-87-3
EINECS NUMBER	Unknown

Description: Argania Spinosa Oil is the rare fixed oil expressed from the kernels of the African tree, Argania spinosa, Sapotaceae. Argan Oil is obtained by mechanical pressing, without any solvent extraction and then deodorized. Product is 100% vegetable, organic under the rules of EC 834/07 for food application. It consists primarily of unsaturated fatty acids (linoleic acid 34%, linolenic acid 0.1% and oleic acid 46%). **Cosmetics properties:** Argan oil is a valuable vegetable raw material with goods emollient, nutrition and anti-aging properties. It is also perfect for regenerating and nourishing dry hair and strengthens nails.

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd3d-63	≤2
Iodine value	gI ₂ /100	AOCS Tg2a-64	90 – 105
Peroxide value	meq O ₂ /Kg	AOCS Cd13-60	≤10
Density at 20C°	g/cc	ASTM D1298-85	0.905 – 0.920
Colour		Visual	Yellow-Redish

Fatty acids composition %(GLC):

Myristic acid	C14:0	≤0.2
Palmitic acid	C16:0	12 – 16
Stearic acid	C18:0	3.5 – 6.5
Oleic acid	C18:1	43 – 50
Linoleic acid	C18:2	30 – 36
Alpha-Linolenic acid	C18:3	≤0.5
Arachidic acid	C20:0	≤0.5
Eicosenoic acid	C20:1	≤0.5
Behenic acid	C22:0	≤0.3
Others		≤0.3

Special advise for storage conditions: The product must kept into the original packages, protected from moisture, properly closed under cover. Storage temperature between 10 to max 22°C. The min shelf life is 12 month and the max shelf life is 24 month – Effect of temperature <10°C partially solidification of the saturated fatty acids and of the natural fraction that are added into the product. Effect of temperature >40°C possible autoxidation and peroxide value increases. **Rev. 05 May 2011.**

Parodi Nutra s.r.l. Manufacturer of botanical oils and butters

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Azienda Biologica Controllata e Certificata da :

Suolo e Salute s.r.l. AUT.D.M.M.R.A.A.F. N.9697232 del 30.12.1996 in applicazione del Reg.CEE 834/07