



A. & A. Fratelli Parodi s.p.a.

www.fratelliparodi.it 

Rev.01

06/2013

TECHNICAL DATA SHEET

TRADE NAME	PARYOL 627 AR/R
CHEMICAL NAME	REFINED ARGAN OIL
INCI NAME	ARGANIA SPINOSA KERNEL OIL
CAS NUMBER	223747-87-3
EINECS NUMBER	---

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd3d-63	≤ 2.0
Iodine value	gI ₂ /100	AOCS Tg2a-64	90.0 – 105.0
Saponification value	mgKOH/g	AOCS Cd3-25	190.0 – 210.0
Peroxide value*	meq O ₂ /Kg	AOCS Cd8-53	≤ 5.0
Density at 20C°	g/cc	ASTM D1298-85	0.905 – 0.920
Colour	Gardner	AOCS Td1a-64	≤ 3.0
Unsaponifiable matter	%	AOCS Ca6b-53	≤ 1.5
Refractive index		AOCS Tp1a-64	1.464 – 1.475

*Guaranteed at drumming

Fatty acids composition %(GLC):

Myristic acid	C14:0	≤ 0.2
Palmitic acid	C16:0	10.0 – 16.0
Palmitoleic acid	C16:1	≤ 0.5
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	3.0 – 6.5
Oleic acid	C18:1	43.0 – 50.0
Linoleic acid	C18:2	30.0 – 40.0
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
Erucic acid	C22:1	Tr.
Lignoceric acid	C24:0	≤ 0.5

Sterols composition (%):

Cholesterol	≤ 0.5
Delta 7 Campesterol	≤ 5.0
Clerosterol	≤ 2.0
Beta Sitosterol	≥ 35.0
Sitostanol	≤ 2.0
Delta 5 avenasterol	≤ 4.0
Delta 5-24 stigmastadienol	≤ 2.0
Delta 7 stigmastenol	10.0 – 50.0
Delta 7 avenasterol	≤ 5.0

Shelf life: 12 months minimum in cool conditions in unopened container

Note: the reported shelf life is referred to the product stored at room temperature, possibly in the original packaging and away from direct sunlight and heat sources. A&A Fratelli Parodi Spa shall not be held liable for a shelf life reduction (e.g. for unexpected increase in peroxides content) if the above conditions are not respected.

Magazzino e uffici: Via Valverde 96/98r 16014 Campomorone (Genova) Italy
Tel: +39 010 792 151 - Fax: +39 010 790 555 - info@fratelliparodi.it

Sede Legale - Stabilimento - Laboratorio analisi: Via Valverde 53r 16014 Campomorone (Genova) Italy
Tel: +39 010 790 503/551/574 - Fax: +39 010 790 388 - laboratorio@fratelliparodi.it