



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

www.fratelliparodi.it



Rev. 3

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TECHNICAL DATA SHEET

TRADE NAME
CHEMICAL NAME
INCI NAME
CAS NUMBER

PARYOL 627 AR/R
REFINED ARGAN OIL
ARGANIA SPINOSA KERNEL OIL
223747-87-3

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid ¹
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	≤ 5.0
Unsaponifiable matter	%	AOCS Ca6b-53	≤ 1.5
Refractive index		AOCS Tp1a-64	1.464 – 1.475

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

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.

1 Below 10 °C a solid fraction can form by flocculation. This phase will be completely dissolved by heating up to 40 °C, and the product will turn clear again. The process is reversible, and does not affect product quality.