



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

www.fratelliparodi.it

MR 13_10

Date, 01/07/2020

CERTIFICATE OF ANALYSIS

CLIENT	COSMOCHEM
TRADE NAME	PARYOL 627 AR/R
CHEMICAL NAME	REFINED ARGAN OIL
INCI NAME	ARGANIA SPINOSA KERNEL OIL
CAS NUMBER	223747-87-3
PRODUCTION DATE	03/2020
BATCH NUMBER	6082C20/01

	U.M.	Test methods	Range	Analytical results
Physical status at 25C°		Visual	Liquid	Conform
Acid value	mgKOH/g	AOCS Cd3d-63	≤2.0	0.21
Iodine value	gI ₂ /100	AOCS Tg2a-64	90.0 – 105.0	104.7
Saponification value	mgKOH/g	AOCS Cd3-25	190.0 – 210.0	198.1
Peroxide value	meq O ₂ /Kg	AOCS Cd8-53	≤5.0	0.3
Density at 20C°	g/cc	ASTM D1298-85	0.905 – 0.920	0.918
Colour	Gardner	AOCS Td1a-64	≤3.0	1.6
Unsaponifiable matter	%	AOCS Ca6b-53	≤1.5	Conform
Refractive index		AOCS Tpl1a-64	1.464 – 1.475	1.471
Fatty acids composition %(GLC):				
Myristic acid	C14:0		≤0.2	0.10
Palmitic acid	C16:0		10.0 – 16.0	11.09
Palmitoleic acid	C16:1		≤0.5	0.40
Margaric acid	C17:0		≤0.1	Tr.
Margaroleic acid	C17:1		≤0.1	Tr.
Stearic acid	C18:0		3.0 – 6.5	3.23
Oleic acid	C18:1		43.0 – 50.0	48.93
Linoleic acid	C18:2		30.0 – 40.0	35.18
Alpha-Linolenic acid	C18:3		≤0.5	0.32
Arachidic acid	C20:0		≤0.5	0.20
Eicosenoic acid	C20:1		≤0.5	0.21
Behenic acid	C22:0		≤0.3	0.27
Erucic acid	C22:1		Tr.	Tr.
Lignoceric acid	C24:0		≤0.5	0.06

Shelf life

12 months minimum in cool conditions in unopened container

Sede Legale: Via Paleocapa 7 20121 Milano (MI) Italy – Tel: +39 02 303 157 22

Magazzino e uffici: Via Valverde 96/98r 16014 Campomorone (GE) Italy Tel: +39 010 792 151 – Fax: +39 010 790 555 – info@fratelliparodi.it
Stabilimento e Laboratorio analisi: Via Valverde 53r 16014 Campomorone (GE) Italy – Tel: +39 010 790 551 – Fax: +39 010 790 388

mod. MR 13 10