



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

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Rev.03

01/2016

TECHNICAL DATA SHEET

TRADE NAME	PARYOL 243 AW/R
CHEMICAL NAME	REFINED AVOCADO OIL (WINTERIZED)
INCI NAME (EU)	PERSEA GRATISSIMA OIL
INCI NAME (US)	PERSEA GRATISSIMA (Avocado) OIL
CAS NUMBER	8024-32-6
EINECS NUMBER	232-428-0

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd3d-63	≤ 0.5
Iodine value	gI ₂ /100	AOCS Tg2a-64	75.0 – 100.0
Saponification value	mgKOH/g	AOCS Cd3 -25	180.0 – 195.0
Peroxide value*	meq O ₂ /Kg	AOCS Cd8 -53	≤ 2.0
Colour	Yellow/Red	Lovibond cell 5 ¹ / ₄	≤ 50.0Y/5.0R
Unsaponifiable matter	%	AOCS Ca6b-53	≤ 3.0
Density at 20C°	g/cc	ASTM D1298-85	0.910 – 0.925
Refractive index		AOCS Tp1a-64	1.460 – 1.480
Cloud point	°C	AOCS Cc 6-25	≤ 0
Pour point	°C	ASTM D97-87	≤ -4

*Guaranteed at drumming

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.5
Myristic acid	C14:0	≤ 1.0
Palmitic acid	C16:0	4.0 – 10.0
Palmitoleic acid	C16:1	0.1 – 2.0
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	0.5 – 3.0
Oleic acid	C18:1	60.0 – 80.0
Linoleic acid	C18:2	10.0 – 20.0
Alpha-Linolenic acid	C18:3	≤ 1.0
Arachidic acid	C20:0	≤ 0.5
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 0.5
Erucic acid	C22:1	Tr.

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.

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