



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

www.fratelliparodi.it



TDS Rev. 5, 10/2020

(mod. MR 13 21)

TECHNICAL DATA SHEET

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

	U.M.	Test methods	Range
Physical status at 25°C		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 0.5
Iodine value	gI ₂ /100g	AOCS Cd 1-25	75.0 – 100.0
Saponification value	mgKOH/g	AOCS Cd 3-25	180.0 – 195.0
Peroxide value at drumming*	meqO ₂ /kg	AOCS Cd 8-53	≤ 2.0
Peroxide value during shelf life	meqO ₂ /kg	AOCS Cd 8-53	≤ 10.0
Colour	Yellow/Red	Lovibond cell 5" ³ / ₄	≤ 50.0Y/5.0R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 3.0
Density at 20°C	g/cc	ASTM D1298-85	0.910 – 0.925
Cloud point	°C	AOCS Cc 6-25	≤ 0
Pour point	°C	ASTM D97-87	≤ -4
Refractive index		AOCS Tp1a-64	1.460 – 1.480

*guaranteed at direct arrival in customer's warehouse

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.5
Myristic acid & Lower	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.

Sede Legale: Corso Europa 24 - 20001 Inveruno (MI) - Italy

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