

CERTIFICATE OF ANALYSIS

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
PRODUCTION DATE	03/2023
BATCH NUMBER	6021C23/03

	U.M.	Test methods	Range	Analytical results
Physical status at 25°C		Visual	Liquid	Conform
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 0.5	0.21
Iodine value	gI ₂ /100g	AOCS Cd 1-25	75.0 – 100.0	94.3
Saponification value	mgKOH/g	AOCS Cd 3-25	180.0 – 195.0	193.2
Peroxide value at drumming*	meqO ₂ /kg	AOCS Cd 8-53	≤ 2.0	0.4
Peroxide value during shelf life	meqO ₂ /kg	AOCS Cd 8-53	≤ 10.0	guaranteed within shelf-life
Colour	Yellow/Red	Lovibond cell 5"¼	≤ 50.0Y/5.0R	4.3Y/0.6R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 3.0	Conform
Density at 20°C	g/cc	ASTM D1298-85	0.910 – 0.925	0.920
Cloud point	°C	AOCS Cc 6-25	≤ 0	Conform
Pour point	°C	ASTM D97-87	≤ -4	Conform
Refractive index		AOCS Tp1a-64	1.460 – 1.480	1.472
Vitamin A	IU	International Standard	20000	Conform
Vitamin D	IU	International Standard	40000	Conform
Vitamin E	IU	International Standard	300	Conform

*guaranteed at direct arrival in customer's warehouse

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.5	0.10
Myristic acid & Lower	C14:0	≤ 1.0	0.21
Palmitic acid	C16:0	4.0 – 10.0	5.79
Palmitoleic acid	C16:1	0.1 – 2.0	0.13
Margaric acid	C17:0	≤ 0.1	Tr.
Margaroleic acid	C17:1	≤ 0.1	Tr.
Stearic acid	C18:0	0.5 – 3.0	1.67
Oleic acid	C18:1	60.0 – 80.0	78.01
Linoleic acid	C18:2	10.0 – 20.0	13.39
Alpha-Linolenic acid	C18:3	≤ 1.0	0.06
Arachidic acid	C20:0	≤ 0.5	0.18
Eicosenoic acid	C20:1	≤ 0.5	0.35
Behenic acid	C22:0	≤ 0.5	0.10
Erucic acid	C22:1	Tr.	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.