

CERTIFICATE OF ANALYSIS

CLIENT	COSMOCHEM
TRADE NAME	PARYOL 243 AW/R – VIT A,D,E
CHEMICAL NAME	REFINED AVOCADO OIL (WINTERISED)
INCI NAME (EU)	PERSEA GRATISSIMA OIL
INCI NAME (US)	PERSEA GRATISSIMA (Avocado) OIL
CAS NUMBER	8024-32-6
EINECS NUMBER	232-428-0
PRODUCTION DATE	09/2020
EXPIRY DATE	09/2022
BATCH NUMBER	6021I20/04

	U.M.	Test methods	Range	Analytical results
Physical status at 25C°		Visual	Liquid	Conform
Acid value	mgKOH/g	AOCS Cd3d-63	≤0.5	0.07
Iodine value	gI ₂ /100	AOCS Cd 1-25	75.0 – 100.0	96.1
Saponification value	mgKOH/g	AOCS Cd 3-25	180.0 – 195.0	192.6
Peroxide value*	meq O ₂ /Kg	AOCS Cd 8-53	≤2.0	0.3
Colour	Yellow/Red	Lovibond cell 5" ¼	≤50.0Y/5.0R	3.9Y/0.4R
Unsaponifiable matter	%	AOCS Ca6b-53	≤3.0	Conform
Density at 20C°	g/cc	ASTM D1298-85	0.910 – 0.925	0.918
Refractive index		AOCS Tp1a-64	1.460 – 1.480	1.470
Cloud point	°C	AOCS Cc 6-25	≤0	Conform
Pour point	°C	ASTM D97-87	≤-4	Conform
Vitamin A	IU	International Standard	20000	Conform
Vitamin D	IU	International Standard	40000	Conform
Vitamin E	IU	International Standard	300	Conform

*Guaranteed at drumming

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤0.5	0.10
Myristic acid	C14:0	≤1.0	0.11
Palmitic acid	C16:0	4.0 – 10.0	6.71
Palmitoleic acid	C16:1	0.1 – 2.0	0.22
Margaric acid	C17:0	≤0.1	Tr.
Margaroleic acid	C17:1	≤0.1	Tr.
Stearic acid	C18:0	0.5 – 3.0	1.51
Oleic acid	C18:1	60.0 – 80.0	74.02
Linoleic acid	C18:2	10.0 – 20.0	16.32
Alpha-Linolenic acid	C18:3	≤1.0	0.23
Arachidic acid	C20:0	≤0.5	0.30
Eicosenoic acid	C20:1	≤0.5	0.34
Behenic acid	C22:0	≤0.5	0.13
Erucic acid	C22:1	Tr.	Tr.

Shelf life: 24 months minimum 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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