



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

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COA mod. MR 13 10, based on

TDS Rev. 5, 08/2024

(mod. MR 13 21)

Date: 05/09/2025

4863
X106

CERTIFICATE OF ANALYSIS

CLIENT	AZIENDA CHIMICA E FARMACEUTICA S.R.L.
TRADE NAME	PARYOL 480 MR – PH. EU. ✓
DESCRIPTION	REFINED SWEET ALMOND OIL - Ph. Eur.
INCI NAME (UE)	PRUNUS AMYGDALUS DULCIS OIL
INCI NAME (US)	PRUNUS AMYGDALUS DULCIS
	(SWEET ALMOND) OIL
CAS NUMBER	8007-69-0
EC NUMBER	---
PRODUCTION DATE	08/2025 ✓
BATCH NUMBER	6052H25/02 ✓

	U.M.	Test methods	Range	Analytical results
Appearance	---	Visual	Pale yellow, clear liquid	Conform
Solubility	---	Internal	Slightly soluble in ethanol (96%), miscible with light petroleum	Conform
Acid value	mgKOH/g	EP 2.5.1	≤ 0.5	0.16
Peroxide value*	meqO ₂ /Kg	EP 2.5.5 A	≤ 5.0	0.3
Colour	Gardner	AOCS Td 1a-64	≤ 3.0	1.4
Unsaponifiable matter	%	EP 2.5.7	≤ 0.9	Conform
Density at 20°C	g/cc	ASTM D1298-85	0.916 abt	0.916
Pour point	°C	ASTM D97-87	≤ -18	Conform
Absorbance (max 270 nm)	---	EP 2.2.25	0.2 – 6.0	Conform
Water	%	EP 2.5.32	≤ 0.1	Conform

*Guaranteed at drumming

Fatty acids composition % (GLC): (EP 2.4.22 A)

Less than C16		≤ 0.1	0.07
Palmitic acid	C16:0	4.0 – 9.0	6.25
Palmitoleic acid	C16:1	≤ 0.8	0.25
Margaric acid	C17:0	≤ 0.2	0.05
Stearic acid	C18:0	≤ 3.0	2.23
Oleic acid	C18:1	62.0 – 86.0	67.16
Linoleic acid	C18:2	20.0 – 30.0	23.38
Alpha-Linolenic acid	C18:3	≤ 0.4	0.26
Arachidic acid	C20:0	≤ 0.2	0.11
Eicosenic acid	C20:1	≤ 0.3	0.13
Behenic acid	C22:0	≤ 0.2	0.10
Erucic acid	C22:1	≤ 0.1	Tr.

Sterols composition (%): (EP 2.4.23 A)

Cholesterol	≤ 0.7	0.35
Campesterol	≤ 5.0	3.24
Stigmasterol	≤ 4.0	1.62
Beta Sitosterol	73.0 – 87.0	76.50
Delta 5 avenasterol	≥ 5.0	13.02
Delta 7 avenasterol	≤ 3.0	0.91
Delta 7 stigmastenol	≤ 3.0	0.60
Brassicasterol	≤ 0.3	Tr.

The product conforms to the monography of refined sweet almond oil as contained in the Pharmacopoeia Europaea.

Shelf life: 24 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.