



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

www.fratelliparodi.it

COA mod. MR 13 10, based on

TDS Rev. 2, 02/2019

(mod. MR 13 21)

Date: 13/06/2022

## CERTIFICATE OF ANALYSIS

### CLIENT

### TRADE NAME

### DESCRIPTION

### INCI NAME (UE)

### INCI NAME (US)

### CAS NUMBER

### EC NUMBER

### PRODUCTION DATE

### BATCH NUMBER

GIANASSO

PARYOL 480 MR - ITA

SWEET ALMOND OIL - COSMETIC GRADE

PRUNUS AMYGDALUS DULCIS OIL

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(SWEET ALMOND) OIL

8007-69-0

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06/2022

6193F22/01

	U.M.	Test methods	Range	Analytical results
Physical status at 25°C		Visual	Liquid	Conform
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 2.0	0.07
Iodine value	gI <sub>2</sub> /100g	AOCS Cd 1-25	95.0 – 105.0	103.5
Saponification value	mgKOH/g	AOCS Cd 3-25	190.0 – 200.0	196.6
Peroxide value*	meqO <sub>2</sub> /kg	AOCS Cd 8-53	≤ 5.0	0.6
Colour	Yellow/Red	Lovibond cell 5"¼	≤ 40.0Y/4.0R	6.3Y/0.8R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 1.0	Conform
Density at 20°C	g/cc	ASTM D1298-85	abt. 0.916	0.917
Cloud point	°C	AOCS Cc 6-25	≤ -10	Conform
Pour point	°C	ASTM D97-87	≤ -15	Conform

\*Guaranteed at drumming

### Fatty acids composition %(GLC):

Myristic acid & Lower	≤ C14:0	≤ 0.1	0.05
Palmitic acid	C16:0	3.0 – 9.0	4.69
Palmitoleic acid	C16:1	≤ 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	2.98
Oleic acid	C18:1	60.0 – 75.0	65.40
Linoleic acid	C18:2	20.0 – 30.0	26.16
Alpha-Linolenic acid	C18:3	≤ 0.4	0.08
Arachidic acid	C20:0	≤ 0.2	0.19
Eicosenoic acid	C20:1	≤ 0.2	0.19
Behenic acid	C22:0	≤ 0.2	0.12
Erucic acid	C22:1	≤ 0.1	Tr.

Note: **Product obtained from unsorted sweet almond flours** that may contain other seed and / or nuts residues. Sterol profile is not guaranteed. Not suitable for human consumption.

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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page 1 of 1