



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

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COA mod. MR 13 10, based on

TDS Rev. 3, 11/2018

(mod. MR 13 21)

Date: 28/01/2020

CERTIFICATE OF ANALYSIS

TRADE NAME	PARYOL 325 VN/R
DESCRIPTION	REFINED GRAPESEED OIL
INCI NAME (UE)	VITIS VINIFERA SEED OIL
INCI NAME (US)	VITIS VINIFERA (GRAPE) SEED OIL
CAS NUMBER	85594-37-2 / 84929-27-1 / 8024-22-4
EC NUMBER	287-896-9 / 284-511-6 / ---
PRODUCTION DATE	01/2020
BATCH NUMBER	6037A20/01

	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	0.07
Iodine value	gI ₂ /100g	AOCS Cd 1-25	130.0 – 145.0	139.5
Saponification value	mgKOH/g	AOCS Cd 3-25	185.0 – 200.0	195.6
Peroxide value*	meqO ₂ /Kg	AOCS Cd 8 -53	≤ 2.0	0.7
Colour		Visual	Yellow/green	Conform
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 2.0	Conform
Density at 20°C	g/cc	ASTM D1298-85	0.920 – 0.930	0.920
Cloud point	°C	AOCS Cc 6-25	≤ -10	Conform
Pour point	°C	ASTM D97-87	≤ -15	Conform
Refractive index		AOCS Tp 1a-64	1.465 – 1.475	1.470

*Guaranteed at drumming

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.2	Tr.
Myristic acid	C14:0	≤ 0.2	0.06
Palmitic acid	C16:0	6.0 – 9.0	6.85
Palmitoleic acid	C16:1	≤ 1.0	0.10
Margaric acid	C17:0	≤ 0.1	Tr.
Margaroleic acid	C17:1	≤ 0.1	Tr.
Stearic acid	C18:0	3.0 – 6.0	3.75
Oleic acid	C18:1	12.0 – 25.0	22.90
Linoleic acid	C18:2	60.0 – 75.0	65.67
Alpha-Linolenic acid	C18:3	≤ 1.5	0.20
Arachidic acid	C20:0	≤ 0.5	0.18
Eicosenoic acid	C20:1	≤ 0.5	Tr.
Behenic acid	C22:0	≤ 0.3	0.28
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.

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