



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

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COA mod. MR 13 10, based on

TDS Rev. 3, 02/2022

(mod. MR 13 21)

Date: 27/02/2023

## CERTIFICATE OF ANALYSIS

<b>CLIENT</b>	<b>COSMOCHEM</b>
<b>TRADE NAME</b>	<b>PARYOL 317 CA/R</b>
<b>DESCRIPTION</b>	<b>REFINED HEMP SEED OIL - COSMETIC GRADE</b>
<b>INCI NAME</b>	<b>CANNABIS SATIVA SEED OIL</b>
<b>CAS NUMBER</b>	<b>89958-21-4</b>
<b>EC NUMBER</b>	<b>289-644-3</b>
<b>PRODUCTION DATE</b>	<b>02/2023</b>
<b>BATCH NUMBER</b>	<b>6035B23/01</b>

	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	0.40
Iodine value	gI <sub>2</sub> /100g	AOCS Cd 1-25	150.0 – 170.0	158.3
Peroxide value*	meqO <sub>2</sub> /kg	AOCS Cd 8-53	≤ 5.0	4.5
Colour	Yellow/Red	Lovibond cell 5 ¼	≤ 40.0Y/4.0R	18.0Y/1.6R
M.I.U.	%	Internal method	≤ 0.1	Conform
Total THC	mg/kg		≤ 5.0	1.4
*Guaranteed at drumming				
<b>Fatty acids composition</b>	% (GLC)			
Myristic acid and lower	≤ C14:0		≤ 0.3	Tr.
Palmitic acid	C16:0		4.0 – 9.0	6.64
Stearic acid	C18:0		1.0 – 4.0	2.15
Oleic acid	C18:1		6.0 – 18.0	14.88
Linoleic acid	C18:2		46.0 – 65.0	58.82
Alpha-Linolenic acid	C18:3		14.0 – 28.0	14.21
Gamma-Linolenic acid	C18:3		≤ 4.0	1.91
Stearidonic acid	C18:4		≤ 2.0	0.58
Arachidic acid	C20:0		≤ 1.5	0.40

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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