



CERTIFICATE OF ANALYSIS

CLIENT	COSMOCHEM
TRADE NAME	PARYOL 317 CA/R
DESCRIPTION	REFINED HEMP SEED OIL - COSMETIC GRADE
INCI NAME	CANNABIS SATIVA SEED OIL
CAS NUMBER	89958-21-4
EC NUMBER	289-644-3
PRODUCTION DATE	10/2021
BATCH NUMBER	6035L21/02

	U.M.	Test methods	Range	Analitical results
Physical status at 25°C		Visual	Liquid	Liquid
Acid value	mgKOH/g	AOCS Cd 3d-63	≤0.5	0.05
Iodine value	gI ₂ /100g	AOCS Cd 1-25	150.0 – 170.0	160.8
Peroxide value*	meqO ₂ /Kg	AOCS Cd 8-53	≤5.0	3.8
Colour	Yellow/Red	Lovibond cell 5 ¼	≤40.0Y/4.0R	24.0Y/1.3R
M.I.U.	%	Internal method	≤0.1	Tr.
THC δ-9 Tetrahydrocannabinol	mg/kg		≤LOQ	Conform

*Guaranteed at drumming

Fatty acids composition %(GLC):

Myristic acid and lower	≤C14:0	≤0.3	Tr.
Palmitic acid	C16:0	4.0 – 9.0	6.58
Stearic acid	C18:0	1.0 – 4.0	2.48
Oleic acid	C18:1	6.0 – 18.0	13.09
Linoleic acid	C18:2	46.0 – 65.0	58.27
Alpha-Linolenic acid	C18:3	14.0 – 28.0	15.93
Gamma-Linolenic acid	C18:3	≤4.0	2.61
Stearidonic acid	C18:4	≤2.0	0.73
Arachidic acid	C20:0	≤1.5	0.10
Others		≤2.0	0.20

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.