

- Import and distrubition for Serbia: Avena Lab Farmadria d.o.o.
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CERTIFICATE OF ANALYSIS

Product Name	CAMELINA OIL	
Botanical Name	Camelina sativa	
Product Code	PCO4035	
CAS#	68956-68-3	
EINECS #	273-313-5	
INCI Name	Camelina Sativa Seed Oil	

Batch #	40352308			
Manufacturing Date	AUGUST 2023			
Best Before Date	JULY 2025			

Part Used	Seeds
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

PROPERTIES	<u>SPECIFICATIONS</u>	RESULTS
Appearance	Pale yellow to amber colored liquid	CONFORMS
Odour	Characteristic mild, herbaceous, green odour	CONFORMS
Refractive Index	1.470 - 1.480 @ 20°C	1.478
Specific Gravity (g/mL)	0.920 - 0.950 @ 20°C	0.959
Saponification Value (mgKOH/g)	180 - 210	180
Peroxide Value (meq O2/kg)	Less than 5.0	CONFORMS
lodine Value (g l2/100g)	135 - 165	85
Free Fatty Acids (% oleic)	Less than 1.0	0.24
Acid Value (mgKOH/g)	Less than 2.0	0.48
Solubility	Soluble in cosmetic esters and fixed	CONFORMS
	oils; Insoluble in water	



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FATTY ACID COMPOSITION:

FATTY ACID	C-CHAIN	SPECIFICATIONS (%)	RESULTS (%)
Palmitic Acid	C16:0	3.00 - 8.00	4.70
Palmitoleic Acid	C16:1 (n-7)	Maximum 0.5	0.20
Stearic Acid	C18:0	2.00 - 6.00	2.20
Oleic Acid	C18:1 (n-9)	11.00 – 25.00	18.90
Linoleic Acid	C18:2 (n-6)	15.00 – 24.00	20.90
Alpha-Linolenic Acid	C18:3 (n-3)	30.00 – 40.00	36.90
Arachidic Acid	C20:0	Maximum 3.50	1.10
11-Eicosenoic Acid	C20:1 (n-9)	9.00 – 17.00	13.40

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS	<u>RESULTS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	CONFORMS
Yeast and Mould	< 10 CFU/g	ISO 16212	CONFORMS
Candida albicans	ABSENT / 1g	ISO 18416	CONFORMS
Escherichia coli	ABSENT / 1g	ISO 21150	CONFORMS
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	CONFORMS
Staphylococcus aureus	ABSENT / 1g	ISO 22718	CONFORMS

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS	RESULTS
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.