

- (i) Import and distrubition for Serbia: Avena Lab Farmadria d.o.o.
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## **CERTIFICATE OF ANALYSIS**

Product Name	GRAPE SEED OIL	
Botanical Name	Vitis vinifera	
Product Code	PCO4019	
CAS#	8024-22-4 ; 84929-27-1	
EINECS #	287-896-9 ; 284-511-6	
INCI Name	Vitis vinifera (Grape) Seed Oil	

Batch #	P30650
Manufacturing Date	06/2025
Best Before Date	06/2027

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	RESULTS
Appearance	Yellowish to green oily liquid, almost odourless and characteristic bland taste	CONFORMS
Identification	Complies with the standard	CONFORMS
Refractive Index @ 20°C	1,467 - 1,477	1,472
Relative Density @ 20°C	0,920 - 0,926 g/ml	0,921
Peroxide value (meq/kg at time of pack, 20°C) ( PE 2.5.5 )	Max. 10	1,2
Iodine Value	128 - 150	128
Acid Value	Max. 0,6	0,11
Saponification Value (mgKOH/g)	188 - 194	190
Solubility	Slightly soluble in ethanol 96°C. Soluble in chloroform and ether.	CONFORMS



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## **FATTY ACID COMPOSITION:**

FATTY ACID	C-CHAIN	SPECIFICATIONS (%)	RESULTS (%)
Palmitic Acid	C16:0	5.50 – 11.00	7,05
Palmitoleic Acid	C16:1	MAX 1.20	0,11
Stearic Acid	C18:0	3.00 – 6.50	4,02
Oleic Acid	C18:1	12.00 – 28.00	25,65
Linoleic Acid	C18:2	58.00 – 78.00	61,31
Linolenic Acid	C18:3	MAX 2.00	<2,0

MICROBIAL ANALYSIS	SPECIFICATIONS	<u>STANDARDS</u>	<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.