

(i) Import and distrubition for Serbia: Avena Lab - Farmadria d.o.o.

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## **CERTIFICATE OF ANALYSIS**

Product Name	PAPAYA SEED OIL
Botanical Name	Carica papaya
Product Code	PCO4062
CAS#	84012-30-6
EINECS #	281-675-0
INCI Name	Carica Papaya (Papaya) Seed Oil

Batch #	40231088
Manufacturing Date	10/2023
Best Before Date	10/2025

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

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Pale yellow to greenish golden colored liquid	CONFORMS
Odour	Characteristic mild odour	CONFORMS
Refractive Index	1.460 - 1.475 @ 20°C	1.471
Specific Gravity (g/mL)	0.910 - 0.940 @ 20°C	0.932
Saponification Value (mgKOH/g)	180 - 200	184
Peroxide Value (meq O <sub>2</sub> /kg)	Less than 5.0	2.8
Iodine Value (g l2/100g)	75 - 90	88
Acid Value (mgKOH/g)	Less than 0.80	0.77
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS



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## **FATTY ACID COMPOSITION:**

FATTY ACID	C-CHAIN	SPECIFICATIONS (%)	RESULTS (%)
Palmitic Acid	C16:0	14.00 – 16.00	14.80
Stearic Acid	C18:0	2.00 - 5.00	3.40
Oleic Acid	C18:1 (n-9)	68.00 – 77.00	69.10
Linoleic Acid	C18:2 (n-6)	5.00 - 12.00	8.70
Palmitoleic Acid	C16:1 (n-7)	Maximum 1.00	0.50
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 0.50	0.20

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS	RESULTS
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.