



CERTIFICATE OF ANALYSIS (COA)

Product Name	GREEN COFFEE BEAN OIL
Botanical Name	Coffea arabica
Product Code	PCO4087
CAS #	84650-00-0; 8001-67-0
EINECS #	283-481-1
INCI Name	Coffea Arabica (Green Coffee) Oil

Batch #	40872604
Manufacturing Date	APRIL 2026
Best Before Date	MARCH 2028

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow to dark greenish brown colored liquid	CONFORMS
Odour	Characteristic green, slightly herbal odour	CONFORMS
Refractive Index	1.460 - 1.490 @ 20°C	1.476
Specific Gravity (g/mL)	0.928 - 0.980 @ 20°C	0.947
Saponification Value (mgKOH/g)	170 - 200	185
Peroxide Value (meq O ₂ /kg)	Less than 10.0	CONFORMS
Acid Value (mgKOH/g)	Less than 5.0	0.46
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS

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FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>	<u>RESULTS (%)</u>
Palmitic Acid	C16:0	30.00 – 36.00	31.40
Stearic Acid	C18:0	7.50 – 9.50	8.20
Oleic Acid	C18:1 (n-9)	7.50 – 10.50	9.90
Linoleic Acid	C18:2 (n-6)	40.00 – 46.00	44.90
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 2.00	1.50
Arachidic Acid	C20:0	2.00 – 4.00	2.90

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<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

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
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.

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