



TREAT YOUR SOUL

CAS NUMBER
8007-69-0 ;
90320-37-9

FEMA NUMBER
2046

EINECS NUMBER
291-063-5

PRODUCT CODE
SL00871



AVOCADO OIL

- *Persea Americana*

SPECIFICATION DATA SHEET

COMMON NAME

Avocado, *Persea Gratissima*

CERTIFIED ORGANIC

Yes

ODOR

Characteristic slightly nutty odour

OLFACTIVE DESCRIPTION

Organic Avocado Oil is green liquid that is rich in Vitamin D and E.

RECOMMENDED USES

Used in food and cosmetics. Also, commonly used in culinary preparations and by aromatherapists as a carrier oil.

PACKAGING & STORAGE

Store in a dry, well-ventilated area in sealed drums, protected from sunlight; shelf life 24 months.

PHYSICO - CHEMICAL PROPERTIES

ORIGIN	Brazil
APPEARANCE	Pale green to dark green viscous liquid
PART USED	Nuts/Kernels/Fruit
SPECIFIC GRAVITY	0.910-0.930 @ 20° C
EXTRACTION METHOD	Cold Pressed
SOLUBILITY	Soluble in cosmetic esters and fixed oils
REFRACTIVE INDEX	1.465-1.475 @ 20°
C SAPONIFICATION VALUE.	185-200 mgKOH/g

FATTY ACIDS

COMPOSITION

Palmitic Acid C16:0	3 - 9%
Palmitoleic Acid C-16:1 (n-7)	Maximum 2 %
Stearic Acid C-18:0	Maximum 4 %
Oleic Acid C18:1 (n-9)	60 - 86 %
Linoleic Acid C18:2 (n-6)	20 - 30 %
Alpha-Linoleic Acid C18:3 (n-3)	Maximum 2 %

DISCLAIMER

We believe the above information to be correct, but we do not present it as all-inclusive and as such should be used as a guide. It is the sole responsibility of the receiver of our product to must exercise their independent judgement in determining its suitability for a particular purpose, since many factors affect the processing & application of our product, user should

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TREAT YOUR SOUL

AVOCADO OIL

CERTIFICATE OF ANALYSIS

Product Name	AVOCADO OIL
Botanical Name	Persea americana syn P. gratissima
Product Code	SL00871
CAS #	8024-32-6; 8007-72-5
EINECS #	232-428-0
INCI Name	Persea gratissima (Avocado) Oil

Batch #	040624-2810
Manufacturing Date	OCTOBER 2023
Best Before Date	MAY 2026

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow to green, yellow colored liquid	CONFORMS
Odor	Almost odorless	CONFORMS
Refractive Index	1.460 - 1.480 @ 20°C	1.467
Specific Gravity (g/mL)	0.910 - 0.928 @ 20°C	0.919
Saponification Value (mgKOH/g)	190 - 210	196
Peroxide Value (meq O₂/kg)	Less than 4.0	CONFORMS
Iodine Value (g I₂/100g)	64 - 95	84
Free Fatty Acids (% oleic)	Less than 0.5	0.1
Acid Value (mgKOH/g)	Less than 1.0	0.2
Moisture (%)	Less than 0.1%	0.02
Vitamin E (mg/kg)	70 - 190	CONFORMS
Solubility	Soluble in Cosmetic esters and fixed oils; Insoluble in water.	CONFORMS

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TREAT YOUR SOUL

AVOCADO OIL

CERTIFICATE OF ANALYSIS

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>	<u>RESULTS (%)</u>
Palmitic Acid	C16:0	10.00 ± 25.00	13.70
Palmitoleic Acid	C16:1 (n-7)	2.00 ± 8.00	5.50
Stearic Acid	C18:0	0.10 ± 0.40	0.40
Oleic Acid	C18:1 (n-9)	60.00 ± 80.00	65.20
Linoleic Acid	C18:2 (n-6)	7.00 ± 20.00	14.30
Alpha-Linolenic Acid	C18:3 (n-3)	0.20 ± 1.00	0.70

<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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