



TREAT YOUR SOUL

SESAME OIL

CERTIFICATE OF ANALYSIS

Product Name	SESAME OIL
Botanical Name	Sesamum indicum
CAS #	8008-74-0
EINECS #	232-370-6
INCI Name	Sesamum indicum (Sesame) Seed Oil

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

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Clear pale golden colored liquid	CONFORMS
Odour	Very mild pleasant grain-like odour	CONFORMS
Refractive Index	1.462 - 1.468 @ 20°C	1.466
Specific Gravity (g/mL)	0.915 - 0.919 @ 30°C	0.917
Saponification Value (mgKOH/g)	188 - 193	191
Unsaponifiable Matter (%)	Less than 1.5	CONFORMS
Peroxide Value (meq O₂/kg)	Less than 5.0	CONFORMS
Iodine Value (g I₂/100g)	103 - 120	110
Acid Value (mgKOH/g)	Less than 0.5	0.1
Moisture (%)	Maximum 0.1	0.02
Insoluble Impurities (%)	Maximum 0.1	0.01
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS

Address: 975 Lunt Ave., Schaumburg Illinois 60193, USA

Phone: (800)809-4941 | **Email:** support@thesulu.com | **Web:** www.thesulu.com



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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	7.00 ± 12.00	9.20
Stearic Acid	C18:0	3.60 ± 6.00	4.60
Oleic Acid	C18:1 (n-9)	35.00 ± 50.00	41.20
Linoleic Acid	C18:2 (n-6)	35.00 ± 50.00	43.20
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 1.00	0.11

<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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