



TREAT YOUR SOUL

MEADOWFOAM SEED OIL

CERTIFICATE OF ANALYSIS

Product Name	MEADOWFOAM SEED OIL
Botanical Name	Limnanthes alba
CAS #	169407-13-5; 153065-40-8
INCI Name	Limnanthes alba (Meadowfoam) Seed oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow to light golden colored liquid	CONFORMS
Odour	Almost odourless	CONFORMS
Refractive Index	1.465 - 1.475 @ 20°C	1.471
Specific Gravity (g/mL)	0.900 - 0.920 @ 20°C	0.911
Saponification Value (mgKOH/g)	160 - 175	164
Peroxide Value (meq O₂/kg)	Less than 1.0	CONFORMS
Iodine Value (g I₂/100g)	85 - 95	89
Acid Value (mgKOH/g)	Less than 0.5	0.1
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>
11-Eicosenoic Acid	C20:1 (n-9)	65.00 ± 80.00	62.50
Docosenoic Acid	C22:1	13.00 ± 19.00	16.20
Docosadienoic Acid	C22:2	15.00 ± 21.00	18.10

<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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