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CERTIFICATE OF ANALYSIS

Product Name	MEADOWSWEET OIL
Botanical Name	Filipendula ulmaria syn Spiraea ulmaria
Product Code	PIO5010
INCI Name	Filipendula ulmaria (Meadowsweet) Extract & Helianthus annuus (Sunflower) Seed Oil
CAS#	84775-57-5 and 8001-21-6
EINECS#	283-886-3 and 232-273-9

Batch #	50102409
Manufacturing Date	SEPTEMBER 2024
Best Before Date	AUGUST 2026

Extraction Method	Infusion of Meadowsweet flowers in Helianthus annuus (Sunflower) seed oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow to golden colored liquid	CONFORMS
Odour	Characteristic sweet, pleasant aroma	CONFORMS
Refractive Index	1.462 - 1.496 @ 20°C	1.474
Specific Gravity (g/mL)	0.905 - 0.940 @ 20°C	0.925
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS

Comments	Odour quality is excellent
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<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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