



CERTIFICATE OF ANALYSIS (COA)

Product Name	CARROT TISSUE OIL
Botanical Name	Daucus carota
INCI Name	Simmondsia Chinensis (Jojoba) Seed Oil, Daucus Carota (Carrot) Root Extract
CAS#	84929-61-3 and 90045-98-0
EINECS#	284-545-1 and 289-964-3

Batch #	50052306
Manufacturing Date	JUNE 2023
Best Before Date	MAY 2025

Extraction Method	Infusion of active carotenoid compounds of Daucus carota (Carrot) roots in Simmondsia chinensis (Jojoba) Seed Oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Yellow to reddish orange colored liquid	CONFORMS
Odour	Sweet, earthy, characteristic carrot-like aroma	CONFORMS
Refractive Index	1.455 - 1.480 @ 20°C	1.473
Specific Gravity (g/mL)	0.865 - 0.910 @ 20°C	0.890
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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