

TECHNICAL DATA SHEET

Product Name	HELIO CARROT ROOT OIL
Botanical Name	Daucus carota
Product Code	PIO5005
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

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Yellow to reddish orange colored liquid
Odour	Sweet, earthy, characteristic carrot-like odour
Refractive Index	1.455 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.865 - 0.910 @ 20°C
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paros Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

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.