

**TECHNICAL DATA SHEET**

Effective date: 04.2019

**Organic Carotene Concentrate, ECOCERT/COSMOS****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Simmondsia chinensis seed oil, Daucus carota root extract, Rosmarinus officinalis leaf extract,
Botanical name	Daucus carota
Manufacturing process	By supercritical fluid extraction with natural carbon dioxide, the extract is standardized with jojoba oil (organic) and stabilized with natural rosemary antioxidant (organic)
Description	Contains all CO <sub>2</sub> -soluble lipophilic components, the product is 100 % natural, stabilized with natural rosemary antioxidant (organic), it contains apart from the jojoba oil (organic) no carriers and no other technical adjuncts.
Part used	Roots, dried, from organic farming
Composition	0,15 -0,21 % total carotenes calculated as beta-carotene corresponding to 2500 - 3500 i.U. provitamin A, alpha, beta-, gamma-, delta-, epsilon-carotene in natural isomeric distribution, lycopine, traces of essential and fatty oil, lipophilic flavones, jojoba oil.

**TECHNICAL DATA****Physical parameters**

Appearance	Liquid at room temperature, solidifies under cool storage
Color	Red orange
Odor	Characteristic, light sweet carrot
Relative density at 20°C	0.867
Refractive index at 20°C	NA
Optical rotation at 20°C	NA
Flash point	NA
Solubility	Soluble in oil, insoluble in water

**TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Ambient temperature, protected from light, moisture and oxygen
Shelf Life	36 months under good storage conditions
Custom tariff	-

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**LEGISLATION**

Certification	100% of the total ingredients are from Organic Farming. Certified as 100% organic by Ecocert Greenlife according to COSMOS-standard.
Halal	Halal Certified by Certification Services (HCS)
Kosher	Certified by London Beth Din Kashrut Division (KLBD)
EINECS	- ; 284-545-1 ; 283-291-9
CAS	90045-98-0 ; 84929-61-3 ; 84604-14-8

**DISCLAIMER**

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.