



Certificate of Analysis

Carrot Root Helio CO₂-to extract (organic) type no. 023.007

Batch #GE-58862

production: July 2018 retest: July 2020
 raw material: *Daucus carota* - Roots, dried, from organic farming
 country of origin of rawmaterial: Germany
 country of origin of product: Germany
 D/E - ratio: 6,0 - 9,0 kg raw material yield 1 kg product.
 Product contains: about 95 % Jojoba oil (organic) and < 0,1 % Rosemary
 Antioxidant Extract (organic)

Sensory Check

feature	reference	result
Appearance:	At room temperature red liquid oil, solidifies under cool storage (jojoba oil)	meets
Odour:	ligh sweet carotte smell	meets

Analytical Check

feature	method	limits	value unit
Sum of Carotenoids (calc. as β-Carotene)	21.008.05, Spectrometer	0,15 - 0,21	0,184 %
Peroxide Value	21.015.03, DGF, Wheeler	< 8	<1 meq O ₂ /kg
Acid value	21.016.03, DGF	< 8	0,9 mg KOH/g
Saponification value	21.017.02, DGF	90 - 110	96 mg KOH/g
Density (20°C)	21.024.03, Pycnometer	n.s.	0,867 g/cm ³

n.s. = not specified n.d. = not detected

Storage conditions: Store in a cool, dry place and exclusion of light!

Digitally signed by Anja Cawelius
 Reason: Quality Management
 Date: 07.18.2018 15:44:49 +02'00'

The product meets specifications no. 16.175.01/66.206.05; date of analysis: 07.18.2018.

This computerized CoA has digital signature validated by Nature's Gift Aromatherapy.

The data in this report of analysis have been determined carefully and to the best of our knowledge. Depending on transport and storage conditions the indicated data can be subject to certain changes which are outside of our influence. Hence the report has not the meaning of a guaranty in the legal sense and does not dispense the customer from making his own quality control before using the product.