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## Product Specification

# Organic Carrot Seed Essential Oil

(*Daucus carota*)

**Material Supplier:** NHR Organic Oils  
**Address:** 24 Chatham Place, Brighton, East Sussex, UK. BN1 3TN  
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**Trade Name:** Carrot Seed Oil Organic **Inci Name:** *Daucus Carota Sativa (Carrot) Seed Oil*  
**Cas No:** 8015-88-1 / 84929-61-3 **Einecs No:** 284-545-1  
**Country of Origin:** Nepal **Country of Manufacture:** Nepal  
**Shelf Life:** 36 Months **Application:** Flavours / Fragrances / Cosmetics

### Description:

The volatile oil is obtained by steam distillation from the seed of the carrot, *Daucus carota L. var. sativa*, *Umbelliferae*

ANALYTICAL DETAILS	UNIT	RANGE	TYPICAL RESULT
Appearance	Organoleptic	Mobile liquid	Conforms
Colour	Organoleptic	Light yellow to amber	Conforms
Odour	Organoleptic	Characteristic	Conforms
Refractive Index @ 20°C	-	1.490 – 1.510	Conforms
Specific Gravity @ 20°C	g/ml	0.920 – 0.960	Conforms
Optical Rotation @ 20°C	Degrees	+10.0° to +30.0°	Conforms
Flash Point (Closed Cup)	°C	59°	Conforms

### Storage:

Store in full, original, tightly closed container in a cool place, away from heat and direct sunlight.

To limit oxidation the contents of the container should all be used once opened. Otherwise the container should be tightly closed each time it is opened, and the oil re-tested before use.

### Shelf Life:

Ultimately shelf life is dependant upon correct packaging and storage.

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum life of 36 months.

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Revised January 2018 (This document replaces any previously issued)

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