



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic Sea Fennel Essential Oil
(Crithmum maritimum)

Botanical Name:	Crithmum maritimum L.
Commercial Name:	Organic Sea Fennel
Batch Number:	040226-1
Geographical Origin:	Corsica (France)

Physical and Chemical Data:

	Standards	Results of analysis
Appearance	Mobile Liquid	Conform
Colour	Colourless to pale yellow	Conform
Odour	Spicy, reminiscent of the smell of fennel	Conform
Flash Point	+40°C to +50°C	
Relative density at 20°C	0.870 ; 0.960	
Refractive index at 20°C	1.470 ; 1.510	
Flash point (°C) :	+40 ; +50	

Table of Components:

Components	Contents
Alpha-thujene	0.40%
Alpha-pinene	2.40%
Alpha-fenchene	2.00%
Sabinene	1.10%
Beta-pinene	0.60%
Myrcene	0.50%
Alpha-phellandrene	0.50%
Alpha-terpinene	0.10%
Para-cymene	12.10%
Beta-phellandrene	13.40%
E-beta-ocimene	1.30%
Gamma-terpinene	32.80%
Thymyl and Methyl Oxide	11.10%
Dillapiol	18.40%
TOTAL	96.70%