

ANALYSIS

Product Name : **ORGANIC SWEET FENNEL OIL**
Aceite esencial de Hinojo Dulce Ecológico

Botanical name : *Foeniculum vulgare*

Batch number : LSB107161

Origin : Spain

Analysis features :

Agilent GC System 7890A - Column : HP INNOWAX polaire : 60 m ´ 0,25 mm ´ 0,5 µm

Temperature program : 8 min to 95 °C – 4 °C/min till 190 °C - 29 min to 190°C

Carrier gas H2 : 30 psis/FID. Injector : split. Sample : 0.1 µl without dilution

The compounds of the essential oils are identified by retention times.

% Are calculated from the peak areas given by the GC / FID without the use of a correction factor.

Physical characteristics:

Density at 20°C	0,958
Refractive index at 20°C	1,534
Optical rotation at a 20°C	16,1

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar
a-PINENE	6,27	1 - 8
CAMPHENE	0,08	
b-PINENE	0,49	0 - 1
SABINENE	0,03	
b-MYRCENE	1,00	0 - 1.9
a-PHELLANDRENE	1,91	0.2 - 5
a-TERPINENE	0,03	
LIMONENE	5,38	1 - 8
b-PHELLANDRENE	0,26	
Cis-b-OCIMENE	0,37	
g-TERPINENE	0,34	0 - 1.5
p-CYMENE	0,41	
TERPINOLENE	0,06	
FENCHONE	8,49	8 - 20
CAMPHOR	0,09	
LINALOOL	0,01	
TERPINEN-4-OL	0,03	
ESTRAGOL	3,18	2 - 6
a-TERPINEOL	0,03	
Cis-ANETHOL	0,12	0 - 0.5
Trans-ANETHOL	70,55	60 - 80
ANISALDEHYDE	0,07	0 - 2
ANICETONE	0,05	
TOTAL	99,27	