

## ANALYSIS

**Product Name :** **ORGANIC LAVANDIN SUPER OIL**  
**Aceite Esencial de Lavandin Super Ecológico**

**Botanical name :** *Lavandula hybrida x super*

**Batch number :** LSB107574

**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	0,890
Refractive index at 20°C	1,459
Optical rotation at a 20°C	-6,1

**Production date:**

**Best before end:**

## GC Results

COMPONENTS	%	Standar
a-PINENE + a-TUYENE	0,18	
CAMPHENE	0,13	
b-PINENE	0,15	
SABINENE	0,05	
b-MYRCENE	0,78	
LIMONENE	0,54	
1,8-CINEOLE + b-PHELLANDRENE	5,41	3 - 7
Cis-b-OCIMENE	1,18	
g-TERPINENE	0,07	
Trans-b-OCIMENE	1,50	
3-OCTANONE	0,49	0.4 - 1.2
ACETATE D'HEXYLE	0,21	
p-CYMENE	0,06	
TERPINOLENE	0,23	
OCT-1-EN-3-YL ACETATE	0,15	
BUTYRATE D'HEXYLE	0,63	0.4 - 1.2
CAMPHOR	4,79	3.5 - 6.5
LINALOOL	35,14	25 - 40
LINALYL ACETATE	32,47	30 - 40
a-SANTALENE	0,05	
BORNYL FORMIATE	0,12	
b-CARYOPHYLLENE	1,42	
TERPINEN-4-OL	0,92	0 - 1.5
LAVANDULYL ACETATE	1,61	0.5 - 2.3
E-b-FARNESENE	1,03	
LAVANDULOL	0,46	0 - 0.7
a-TERPINEOL	1,32	
BORNEOL	2,14	1.4 - 3
GERMACRENE D	0,41	
NERYL ACETATE	0,44	
a-FARNESENE + CARVONE	0,24	
LAVANDULYL METHYLBUTYRATE	0,19	
GERANYL ACETATE	0,64	
d-CADINENE	0,06	
g-CADINENE	0,20	
NEROL	0,26	
GERANIOL	0,64	
T-CADINOL	0,11	
a-BISABOLOL	0,28	
<b>TOTAL</b>	<b>96,75</b>	

