

ANALYSIS

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

Botanical name : *Lavandula hybrida x super*

Batch number : LSB107923

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	0,889
Refractive index at 20°C	1,459
Optical rotation at a 20°C	-6,2

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar
a-PINENE + a-TUYENE	0,34	
CAMPHENE	0,19	
b-PINENE	0,24	
SABINENE	0,09	
b-MYRCENE	0,67	
LIMONENE	0,75	
1,8-CINEOLE + b-PHELLANDRENE	5,97	3 - 7
Cis-b-OCIMENE	1,22	
g-TERPINENE	0,06	
Trans-b-OCIMENE	1,81	
3-OCTANONE	0,53	0.4 - 1.2
ACETATE D'HEXYLE	0,29	
p-CYMENE	0,14	
TERPINOLENE	0,20	
OCT-1-EN-3-YL ACETATE	0,15	
BUTYRATE D'HEXYLE	0,83	0.4 - 1.2
CAMPHOR	5,25	3.5 - 6.5
LINALOOL	34,93	25 - 40
LINALYL ACETATE	32,16	30 - 40
a-SANTALENE	0,06	
BORNYL FORMIATE	0,11	
b-CARYOPHYLLENE	1,30	
TERPINEN-4-OL	0,91	0 - 1.5
LAVANDULYL ACETATE	1,53	0.5 - 2.3
E-b-FARNESENE	0,98	
LAVANDULOL	0,37	0 - 0.7
a-TERPINEOL	0,97	
BORNEOL	1,91	1.4 - 3
GERMACRENE D	0,47	
NERYL ACETATE	0,26	
a-FARNESENE + CARVONE	0,03	
LAVANDULYL METHYLBUTYRATE	0,19	
GERANYL ACETATE	0,47	
d-CADINENE	0,03	
g-CADINENE	0,17	
NEROL	0,18	
GERANIOL	0,42	
T-CADINOL	0,07	
a-BISABOLOL	0,25	
TOTAL	96,65	

