

ANALYSIS

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

Botanical name : *Lavandula hybrida x super*

Batch number : LS112573

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	0,887
Refractive index at 20°C	1,459
Optical rotation at a 20°C	-7,4

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar
a-PINENE + a-TUYENE	0,38	
CAMPHENE	0,21	
b-PINENE	0,36	
SABINENE	0,10	
b-MYRCENE	0,75	
LIMONENE	1,00	
1,8-CINEOLE + b-PHELLANDRENE	5,03	3 - 7
Cis-b-OCIMENE	1,22	
g-TERPINENE	0,26	
Trans-b-OCIMENE	2,12	
3-OCTANONE	0,60	0.4 - 1.2
ACETATE D'HEXYLE	0,30	
p-CYMENE	0,32	
TERPINOLENE	0,38	
OCT-1-EN-3-YL ACETATE	0,21	
BUTYRATE D'HEXYLE	0,66	0.4 - 1.2
CAMPHOR	4,94	3.5 - 6.5
LINALOOL	35,98	25 - 40
LINALYL ACETATE	32,64	30 - 40
a-SANTALENE	0,01	
BORNYL FORMIATE	0,01	
b-CARYOPHYLLENE	1,44	
TERPINEN-4-OL	0,40	0 - 1.5
LAVANDULYL ACETATE	1,25	0.5 - 2.3
E-b-FARNESENE	0,76	
LAVANDULOL	0,40	0 - 0.7
a-TERPINEOL	1,12	
BORNEOL	1,82	1.4 - 3
GERMACRENE D	0,46	
NERYL ACETATE	0,25	
a-FARNESENE + CARVONE	0,08	
LAVANDULYL METHYLBUTYRATE	0,18	
GERANYL ACETATE	0,47	
d-CADINENE	0,05	
g-CADINENE	0,13	
NEROL	0,01	
GERANIOL	0,41	
T-CADINOL	0,03	
a-BISABOOL	0,28	
COUMARINE	0,12	
TOTAL	97,12	