

## ANALYSIS

**Product Name :** ORGANIC SPIKE LAVENDER OIL

Aceite esencial de Espliego Ecológico

**Botanical name :** *Lavandula latifolia*

**Batch number :** LSB107922

**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:

Densidad a 20°C	0,899
Índice de refracción a 20°C	1,464
Rotación Optica a 20°C	-2,5

**Production date:** August 2019

**Best before end:** August 2023

## GC Results

COMPONENTS	%	Standar	Pharma
a-PINENE	1,51		
CAMPHENE	0,43		
b-PINENE	2,06		
SABINENE	0,46		
b-MYRCENE	0,50		
a-TERPINENE	0,13		
LIMONENE	1,44	0.5 - 3	0.5 - 3
1,8-CINEOL	26,72	16 - 39	16 - 39
cis-b-OCIMENE	0,30		
g-TERPINENE	0,32		
trans-b-OCIMENE	0,07		
TERPINOLENE	0,20		
trans-THUJANOL	0,19		
CAMPHOR	12,35	8 - 16	8 - 16
LINALOOL	40,30	34 - 50	34 - 50
LINALYL ACETATE	0,49	0 - 1.6	< 1.6
BORNYL ACETATE	0,24		
b-CARYOPHYLLENE	1,34		
TERPINENE-4-OL	0,32		
trans SABINYL ACETATE	0,08		
E-b-FARNESENE	0,44		
ZONARENE	0,16		
d-TERPINEOL	0,32		
NERAL	0,04		
BORNEOL	0,86		
a-TERPINEOL	0,90	0.2 - 2	0.2 - 2
GERMACRENE D	0,74		
GERANYL ACETATE	0,15		
a-BISABOLENE	1,98	0.4 - 2.5	0.4 - 2.5
GERANIOL	0,05		
p-CYMENE-8-OL	0,08		
CARYOPHYLLENE OXIDE	0,19		
T-CADINOL	0,09		
COUMARINE	0,06		
<b>TOTAL</b>	<b>95,50</b>		

