

## ANALYSIS

**Product Name :** **ORGANIC SPANISH SAGE OIL**  
**Aceite esencial de Salvia Lavandulifolia Ecológica**

**Botanical name :** *Salvia lavandulifolia*

**Batch number :** LSB108071

**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	0,919
Refractive index at 20°C	1,470
Optical rotation at a 20°C	15,8

**Production date:**

**Best before end:**

## GC Results

COMPONENTS	%	Standar	Pharma
TRICYCLEN	0,24		
a-PINENE	6,21	4 - 11	4 - 11
a-FENCHENE	0,03		
CAMPHENE	6,35		
b-PINENE	3,79		
SABINENE	1,52	0.1 - 3.5	0.1 - 3.5
b-MYRCENE	2,61		
a-TERPINENE	0,15		
LIMONENE	4,79	2 - 6	2 - 6.5
1,8-CINEOL	24,33	10 - 30	10 - 30.5
Cis-b-OCIMENE	0,18		
g-TERPINENE	0,47		
Trans-b-OCIMENE	0,08		
p-CYMENE	0,62		
TERPINOLENE	0,32		
a-THUYONE	0,05		
b-THUYONE	0,07		
Trans-THUYANOL	0,13		
CAMPHOR	28,29	11 - 36	11 - 36
LINALOOL	1,20	0.3 - 4	0.3 - 4
LINALYL ACETATE	1,82	0.1 - 5	< 5
BORNYL ACETATE	0,92		
b-CARYOPHYLLENE	0,97		
TERPINEN-4-OL	0,44		< 2
trans-SABINYL ACETATE	3,92	0.5 - 9	0.5 - 9
d-TERPINEOL	0,23		
a-HUMULENE + NERAL	0,45		
a-TERPINEOL	0,64		
TERPENIL ACETATE+Trans-SABINOL	2,81	0.5 - 9	0.5 - 9
BORNEOL	2,14	1 - 7	1 - 7
NERYL ACETATE	0,05		
GERANIAL	0,06		
GERANYL ACETATE	0,27		
d-CADINENE	0,14		
g-CADINENE	0,08		
GERANYL PROPIONATE	0,47		
GERANIOL	0,57		
CARYOPHYLLEN OXYDE	0,12		
VIRIDIFLOROL	0,14		
SPATHULENOL	0,08		
<b>TOTAL</b>	<b>97,73</b>		

