

## ANALYSIS

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

**Botanical name :** *Salvia lavandulifolia*

**Batch number :** LS112057

**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	0,917
Refractive index at 20°C	1,467
Optical rotation at a 20°C	13,5

**Production date:**

**Best before end:**

## GC Results

COMPONENTS	%	Standard	Pharma
TRICYCLEN	0,22		
a-PINENE	6,95	4 - 11	4 - 11
a-FENCHENE	0,04		
CAMPHE	5,45		
b-PINENE	4,93		
SABINENE	1,70	0.1 - 3.5	0.1 - 3.5
b-MYRCENE	2,61		
a-TERPINENE	0,20		
LIMONENE	4,99	2 - 6	2 - 6.5
1,8-CINEOL	24,63	10 - 30	10 - 30.5
Cis-b-OCIMENE	0,15		
g-TERPINENE	0,55		
Trans-b-OCIMENE	0,08		
p-CYMENE	0,44		
TERPINOLENE	0,38		
a-THUYONE	0,01		
b-THUYONE	0,03		
Trans-THUYANOL	0,10		
CAMPHOR	28,10	11 - 36	11 - 36
LINALOOL	2,28	0.3 - 4	0.3 - 4
LINALYL ACETATE	2,72	0.1 - 5	< 5
BORNYL ACETATE	0,88		
b-CARYOPHYLLENE	1,14		
TERPINEN-4-OL	0,49		< 2
trans-SABINYL ACETATE	1,82	0.5 - 9	0.5 - 9
d-TERPINEOL	0,21		
a-HUMULENE + NERAL	0,39		
a-TERPINEOL	0,78		
TERPENIL ACETATE+Trans-SABINOL	2,46	0.5 - 9	0.5 - 9
BORNEOL	2,29	1 - 7	1 - 7
NERYL ACETATE	0,02		
GERANIAL	0,04		
GERANYL ACETATE	0,20		
d-CADINENE	0,09		
g-CADINENE	0,04		
GERANYL PROPIONATE	0,34		
GERANIOL	0,33		
CARYOPHYLLEN OXYDE	0,08		
VIRIDIFLOROL	0,15		
SPATHULENOL	0,07		
<b>TOTAL</b>	<b>98,40</b>		