

ANALYSIS

Product Name : **LAVENDER OIL**
Aceite esencial de Lavanda

Botanical name : *Lavandula angustifolia*

Batch number : LS112409

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	0,880
Refractive index at 20°C	1,461
Optical rotation at a 20°C	-8,1

Production date:

Best before end:

GC Results

COMPONENTS	%	Standard	Pharma
a-PINENE	0,20		
CAMPHENE	0,26		
b-PINENE	0,09		
b-MYRCENE	1,20		
LIMONENE	0,46	0 - 1	< 1
1,8-CINEOLE + b-PHELLANDRENE	1,11	0 - 3	< 2.5
Cis-b-OCIMENE	6,16	1 - 10	
g-TERPINENE	0,20		
Trans-b-OCIMENE	3,57	0.5 - 6	
3-OCTANONE	1,14	0 - 3	0.1 - 5
HEXYL ACETATE	0,52		
p-CYMENE	0,11		
OCT-1-EN-3-YLE ACETATE	0,76		
3-HEXEN-1-OL	0,05		
3-OCTANOL	0,23		
HEXYL BUTYRATE	0,34		
Cis-OXYDE DE LINALOOL	0,09		
1-OCTEN-3-OL	0,23		
Trans-OXYDE DE LINALOOL	0,08		
CAMPHOR	0,29	0 - 1.5	< 1.2
LINALOOL	31,35	20 - 43	20 - 45
LINALYL ACETATE	29,17	25 - 47	25 - 47
a-SANTALENE	0,35		
b-CARYOPHYLLENE	3,29		
TERPINEN-4-OL	3,57	0 - 8	0.1 - 8
LAVANDULYL ACETATE	3,17	0 - 8	> 0.2
E-b-FARNESENE	3,15		
LAVANDULOL	0,99	0 - 3	> 0.1
a-TERPINEOL	1,46	0 - 2	< 2
BORNEOL	0,64		
GERMACRENE D	0,43		
NERYL ACETATE	0,39		
GERANYL ACETATE	0,68		
GERANIOL	0,57		
TOTAL	96,46		