

ANALYSIS

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

Botanical name : *Lavandula angustifolia*

Batch number : LS107507

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	0,881
Refractive index at 20°C	1,460
Optical rotation at a 20°C	-9,0

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar	Pharma
a-PINENE	0,18		
CAMPHENE	0,14		
b-PINENE	0,08		
b-MYRCENE	0,75		
LIMONENE	0,60	0 - 1	< 1
1,8-CINEOLE + b-PHELLANDRENE	1,25	0 - 3	< 2.5
Cis-b-OCIMENE	3,41	1 - 10	
g-TERPINENE	0,12		
Trans-b-OCIMENE	2,21	0.5 - 6	
3-OCTANONE	1,49	0 - 3	0.1 - 5
HEXYL ACETATE	0,61		
p-CYMENE	0,14		
OCT-1-EN-3-YLE ACETATE	0,61		
3-HEXEN-1-OL	0,06		
3-OCTANOL	0,30		
HEXYL BUTYRATE	0,42		
Cis-OXYDE DE LINALOOL	0,18		
1-OCTEN-3-OL	0,22		
Trans-OXYDE DE LINALOOL	0,12		
CAMPHOR	0,47	0 - 1.5	< 1.2
LINALOOL	33,73	20 - 43	20 - 45
LINALYL ACETATE	30,17	25 - 47	25 - 47
a-SANTALENE	0,30		
b-CARYOPHYLLENE	2,93		
TERPINEN-4-OL	4,00	0 - 8	0.1 - 8
LAVANDULYL ACETATE	2,80	0 - 8	> 0.2
E-b-FARNESENE	3,63		
LAVANDULOL	1,06	0 - 3	> 0.1
a-TERPINEOL	1,60	0 - 2	< 2
BORNEOL	0,62		
GERMACRENE D	0,44		
NERYL ACETATE	0,31		
GERANYL ACETATE	0,53		
GERANIOL	0,46		
COUMARINE Mw=146	0,05		
TOTAL	95,99		

