

ANALYSIS

Product Name : **ORGANIC LAVANDIN GROSSO OIL**
Aceite esencial de Lavandin Grosso Ecológico

Botanical name : *Lavandula hybrida x grosso*

Batch number : LSB107974

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	0,894
Refractive index at 20°C	1,461
Optical rotation at a 20°C	-3,6

Production date:

August 2019

Best before end:

August 2023

GC Results

COMPONENTS	%	Standar
a-PINENE + a-TUYENE	0,63	
CAMPHENE	0,28	
b-PINENE	0,47	
SABINENE	0,16	
b-MYRCENE	0,65	0.3 - 1
LIMONENE	0,84	0.5 - 1.5
1,8-CINEOLE + b-PHELLANDRENE	6,91	4 - 8
Cis-b-OCIMENE	0,91	0.5 - 1.5
g-TERPINENE	0,17	
Trans-b-OCIMENE	0,31	0 - 1
3-OCTANONE	0,03	
ACETATE D'HEXYLE	0,10	
p-CYMENE	0,15	
TERPINOLENE	0,29	
OCT-1-EN-3-YL ACETATE	0,14	
BUTYRATE D'HEXYLE	0,39	0.3 - 0.5
CAMPHOR	7,30	6 - 8.5
LINALOOL	32,85	24 - 37
LINALYL ACETATE	27,06	25 - 38
a-SANTALENE	0,16	
BORNYL FORMIATE	0,18	
b-CARYOPHYLLENE	1,65	
TERPINEN-4-OL	3,70	1.5 - 5
LAVANDULYL ACETATE	2,32	1.5 - 3.5
E-b-FARNESENE	1,45	
LAVANDULOL	0,69	0.2 - 1
a-TERPINEOL	0,91	0.3 - 1.3
BORNEOL	2,46	1.5 - 3.5
GERMACRENE D	0,71	
NERYL ACÉTATE	0,20	
a-FARNESENE + CARVONE	0,08	
LAVANDULYL METHYLBUTYRATE	0,26	
GERANYL ACETATE	0,37	
d-CADINENE	0,04	
g-CADINENE	0,38	
NEROL	0,15	
GERANIOL	0,32	
T-CADINOL	0,16	
a-BISABOLOL	0,37	
COUMARINE	0,10	
TOTAL	96,30	

