

## ANALYSIS

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

**Botanical name :** *Lavandula hybrida x grosso*

**Batch number :** LS113222

**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	-4.5

**Production date:**

August 2021

**Best before end:**

August 2025

## GC Results

COMPONENTS	%	Standar
a-PINENE + a-TUYENE	0.77	
CAMPHENE	0.33	
b-PINENE	0.57	
SABINENE	0.17	
b-MYRCENE	0.72	<b>0.3 - 1</b>
LIMONENE	1.08	<b>0.5 - 1.5</b>
1,8-CINEOLE + b-PHELLANDRENE	6.58	<b>4 - 8</b>
Cis-b-OCIMENE	0.61	<b>0.5 - 1.5</b>
g-TERPINENE	0.32	
Trans-b-OCIMENE	0.20	<b>0 - 1</b>
3-OCTANONE	0.05	
ACETATE D'HEXYLE	0.13	
p-CYMENE	0.28	
TERPINOLENE	0.44	
OCT-1-EN-3-YL ACETATE	0.18	
BUTYRATE D'HEXYLE	0.39	<b>0.3 - 0.5</b>
CAMPHOR	7.36	<b>6 - 8.5</b>
LINALOOL	31.51	<b>24 - 37</b>
LINALYL ACETATE	28.57	<b>25 - 38</b>
a-SANTALENE	0.01	
BORNYL FORMIATE	0.16	
b-CARYOPHYLLENE	1.67	
TERPINEN-4-OL	4.19	<b>1.5 - 5</b>
LAVANDULYL ACETATE	2.16	<b>1.5 - 3.5</b>
E-b-FARNESENE	1.27	
LAVANDULOL	0.75	<b>0.2 - 1</b>
a-TERPINEOL	0.98	<b>0.3 - 1.3</b>
BORNEOL	2.50	<b>1.5 - 3.5</b>
GERMACRENE D	0.74	
NERYL ACETATE	0.17	
a-FARNESENE + CARVONE	0.10	
LAVANDULYL METHYLBUTYRATE	0.26	
GERANYL ACETATE	0.29	
d-CADINENE	0.01	
g-CADINENE	0.30	
NEROL	0.13	
GERANIOL	0.27	
T-CADINOL	0.09	
a-BISABOLOL	0.25	
COUMARINE	0.09	
<b>TOTAL</b>	<b>96.65</b>	