

## ANALYSIS

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

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

**Batch number :** LS107653

**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	0,895
Refractive index at 20°C	1,460
Optical rotation at a 20°C	-3,0

**Production date:** August 2019

**Best before end:** August 2023

## GC Results

COMPONENTS	%	Standar
a-PINENE + a-TUYENE	0,75	
CAMPHENE	0,29	
b-PINENE	0,69	
SABINENE	0,19	
b-MYRCENE	0,90	0.3 - 1
LIMONENE	1,23	0.5 - 1.5
1,8-CINEOLE + b-PHELLANDRENE	6,67	4 - 8
Cis-b-OCIMENE	0,52	0.5 - 1.5
g-TERPINENE	0,42	
Trans-b-OCIMENE	0,33	0 - 1
3-OCTANONE	0,04	
ACETATE D'HEXYLE	0,08	
p-CYMENE	0,47	
TERPINOLENE	0,51	
OCT-1-EN-3-YL ACETATE	0,21	
BUTYRATE D'HEXYLE	0,39	0.3 - 0.5
CAMPHOR	7,46	6 - 8.5
LINALOOL	31,33	24 - 37
LINALYL ACETATE	27,25	25 - 38
a-SANTALENE	0,16	
BORNYL FORMIATE	0,04	
b-CARYOPHYLLENE	1,62	
TERPINEN-4-OL	3,89	1.5 - 5
LAVANDULYL ACETATE	1,96	1.5 - 3.5
E-b-FARNESENE	1,14	
LAVANDULOL	0,82	0.2 - 1
a-TERPINEOL	1,24	0.3 - 1.3
BORNEOL	2,43	1.5 - 3.5
GERMACRENE D	0,48	
NERYL ACETATE	0,22	
a-FARNESENE + CARVONE	0,22	
LAVANDULYL METHYLBUTYRATE	0,19	
GERANYL ACETATE	0,32	
d-CADINENE	0,04	
g-CADINENE	0,26	
NEROL	0,19	
GERANIOL	0,35	
T-CADINOL	0,11	
a-BISABOLOL	0,20	
COUMARINE	0,04	
<b>TOTAL</b>	<b>95,65</b>	

