

ANALYSIS

Product Name : LEMON PETITGRAIN OIL
Aceite esencial de Petitgrain Limonero

Botanical name : *Citrus limon*

Batch number : LS107396

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	0,864
Refractive index at 20°C	1,475
Optical rotation at a 20°C	31,8

Production date:

August 2019

Best before end:

August 2023

GC Results

COMPONENTS	%	Standar
a-PINENE	1,50	1 - 2
CAMPHENE	0,09	
b-PINENE	15,77	12 - 21
SABINENE	2,95	2 - 4.5
D3-CARENE	2,62	
b-MYRCENE	0,00	
a-PHELLANDRENE	0,11	
a-TERPINENE	0,19	
LIMONENE	40,61	30 - 45
1,8-CINEOLE + b-PHELLANDRENE	1,43	
Cis-b-OCIMENE	0,51	
g-TERPINENE	0,80	
Trans-b-OCIMENE	2,21	1.5 - 3
TERPINOLENE	0,35	
6-METHYL-5-HEPTEN-2-ONE	1,31	
CITRONELLAL	0,60	
LINALOOL	1,52	0.2 - 3.5
PHOTOCITRAL A	0,01	
a-trans-BERGAMOTENE	0,03	
TERPINEN-4-OL	0,36	
b-CARYOPHYLLENE	1,52	
NERAL	4,44	3 - 11
a-TERPINEOL	0,54	
NERYL ACETATE	2,77	1.5 - 7
b-BISABOLENE	0,22	
GERANIAL	8,81	1 - 15
a-FARNESENE	1,42	
GERANYL ACETATE	1,32	1 - 4
CITRONELLOL	0,03	
NEROL	2,56	
GERANIOL	2,56	
TOTAL	99,12	

