

## ANALYSIS

**Product Name :** CISTUS OIL  
Aceite esencial de Cistus

**Botanical name :** *Cistus ladaniferus*

**Batch number :** LS107420

**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	0,901
Refractive index at 20°C	1,477
Optical rotation at a 20°C	-12,7

**Production date:** Agosto 2019

**Best before end:** Agosto 2023

## GC Results

COMPONENTS	%	Standar
TRICYCLEN	0,88	
a-PINENE	36,55	30 - 48
a-FENCHENE	0,11	
CAMPHE	4,72	2 - 7
b-PINENE	0,45	
SABINENE	0,12	
PINADIENE	1,27	
b-MYRCENE	0,04	
a-PHELLANDRENE	0,25	
a-TERPINENE	0,89	
LIMONENE	1,46	
1,8-CINEOLE + b-PHELLANDRE	0,90	
g-TERPINENE	1,68	
STYRENE	0,07	
p-CYMENE	2,80	1,5 - 4
TERPINOLENE	0,44	
2,2,6-TRIMETHYLCYCLOHEXANONE	3,10	1 - 4
Cis-OXYDE DE ROSE	0,12	
Trans-OXYDE DE ROSE	0,06	
a-p-DIMETHYLSTYRENE	1,40	0,4 - 2,5
b-THUYONE	0,25	
VITISPIRANE Mw=192	0,33	
ISOLEDENE + CYCLOSATIVENE	0,44	
a-COPAENE	1,03	
3-NONEN-2-ONE	0,64	
CAMPHE	0,57	
PINOCAMPHONE	0,06	
LINALOL	0,23	
ISOPINOCAMPHONE	1,12	
ACETATE DE BORNYLE	4,26	2,5 - 6
NOPINONE	0,46	
TERPINENE-4-OL	1,40	
b-CARYOPHYLLENE	0,39	
b-COPAENE	0,30	
MYRTENAL	0,94	
Trans-PINOCARVEOL	4,66	2 - 6,5
ALLO-AROMADENDRENE	0,19	
NERAL	0,16	

COMPONENTS	%	Standar
BORNEOL	1,05	0,5 - 3
a-TERPINEOL	0,54	
LEDENE	2,29	1 - 6
VERBENONE	0,43	
CARVONE	0,13	
d-CADINENE	0,78	
g-CADINENE	0,14	
CADINA-1,4-DIENE	0,17	
GERANIOL	0,31	
p-CYMENE-8-OL	0,11	
a-CALACORENE	0,27	
PALUSTROL	0,18	
LEDOL	0,64	
GLEENOL Mw=222	0,21	
VIRIDIFLOROL	2,01	1,5 - 4
EUGENOL	0,06	
DEHYDROVIRIDIFLOROL	0,27	
CARVACROL	0,06	
<b>TOTAL</b>	<b>84,34</b>	

EESSENC

EXTRACT ESSENCE NATURE

