

ANALYSIS

Product Name : **CRUDE EUCALYPTUS OIL**
Aceite esencial de Eucalipto Crudo

Botanical name : *Eucalyptus globulus*

Batch number : LS112538

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	0.918
Refractive index at 20°C	1.465
Optical rotation at a 20°C	3.0

Production date:

June 2021

Best before end:

June 2025

GC Results

COMPONENTS	%	Standar
ISOVALERALDEHYDE	0.23	
a-PINENE	9.58	10 - 22
CAMPHERE	0.67	
b-PINENE	0.30	
PINADIENE	0.05	
b-MYRCENE	0.76	
a-PHELLANDRENE	0.26	
a-TERPINENE	0.08	
LIMONENE	2.97	1 - 8
1-8- CINEOLE	63.72	50 - 65
cis-b-OCIMENE	0.09	
trans-b-OCIMENE	0.02	
g-TERPINENE	1.46	
MENTHATRIENE ISOMERE	0.01	
p-CYMENE	1.66	1 - 5
TERPINOLENE	0.23	
PINOL	0.09	
a,p-DIMETHYLSTYRENE	0.18	
a-GURJUNENE	0.13	
LINALOOL	0.10	
PINOCARVONE	3.14	
TERPINEN-4-OL	0.43	
b-CARYOPHYLLENE	0.15	
AROMADENDRENE	3.60	0.5 - 5
Trans-PINOCARVEOL	2.80	0.5 - 5
d-TERPINEOL	0.08	
NERAL	0.09	
a-TERPINEOL	1.13	
TERPENYL ACETATE	0.28	
BORNEOL + LEDENE	0.25	
Trans-p-MENTHA-1,8-DIEN-2-OL	0.33	
GERANIOL	0.04	
cis-p-MENTHA-1,8-DIEN-2-OL	0.22	
Epi-GLOBULOL	0.28	
GLOBULOL	0.74	0.3 - 1.5
VIRIDIFLOROL	0.08	
TOTAL	96.27	