

## ANALYSIS

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

**Botanical name :** *Eucalyptus globulus*

**Batch number :** 95-604

**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	0,915
Refractive index at 20°C	1,464
Optical rotation at a 20°C	4,0

**Production date:**

**Best before end:**

## GC Results

COMPONENTS	%	Standar
ISOVALERALDEHYDE	0,44	
a-PINENE	12,33	10 - 22
CAMPHENE	0,11	
b-PINENE	0,40	
PINADIENE	0,05	
b-MYRCENE	0,21	
a-PHELLANDRENE	0,40	
a-TERPINENE	0,08	
LIMONENE	3,83	1 - 8
1-8- CINEOLE	63,44	50 - 65
cis-b-OCIMENE	0,14	
trans-b-OCIMENE	0,01	
g-TERPINENE	0,25	
MENTHATRIENE ISOMERE	0,12	
p-CYMENE	1,04	1 - 5
TERPINOLENE	0,13	
PINOL	0,06	
a,p-DIMETHYLSTYRENE	0,13	
a-GURJUNENE	0,37	
LINALOOL	0,10	
PINOCARVONE	0,54	
TERPINEN-4-OL	0,61	
b-CARYOPHYLLENE	0,08	
AROMADENDRENE	3,72	0.5 - 5
Trans-PINOCARVEOL	1,89	0.5 - 5
d-TERPINEOL	0,13	
NERAL	0,06	
a-TERPINEOL	2,84	
TERPENYL ACETATE	0,58	
BORNEOL + LEDENE	0,23	
Trans-p-MENTHA-1,8-DIEN-2-OL	0,13	
GERANIOL	0,10	
cis-p-MENTHA-1,8-DIEN-2-OL	0,16	
Epi-GLOBULOL	0,23	
GLOBULOL	0,68	0.3 - 1.5
VIRIDIFLOROL	0,16	
<b>TOTAL</b>	<b>94,98</b>	

