

ANALYSIS

Product Name : EUCALYPTUS OIL 70/75
Aceite esencial de Eucalipto 70/75

Botanical name : *Eucalyptus globulus*

Batch number : LS107324

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	0,905
Refractive index at 20°C	1,461
Optical rotation at a 20°C	3,8

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar	Pharma
ISOVALERALDEHYDE	0,00		
a-PINENE	8,94	0 - 20	0.05 - 10
CAMPHENE	0,02		
b-PINENE	0,20		0.05 - 1.5
PINADIENE	0,01		
b-MYRCENE	0,48		
a-PHELLANDRENE	0,72		0.05 - 1.5
a-TERPINENE	0,18		
LIMONENE	8,79	2 - 15	0.05 - 15
1-8- CINEOLE	80,05	70 - 85	> 70
cis-b-OCIMENE	0,09		
trans-b-OCIMENE	0,06		
g-TERPINENE	3,05		
MENTHATRIENE ISOMERE	0,05		
p-CYMENE	4,30	1 - 6	
TERPINOLENE	0,00		
PINOL	0,01		
a,p-DIMETHYLSTYRENE	0,00		
a-GURJUNENE	0,00		
LINALOOL	0,02		
PINOCARVONE	0,00		
TERPINEN-4-OL	0,00		
b-CARYOPHYLLENE	0,00		
AROMADENDRENE	0,00	traces	
Trans-PINOCARVEOL	0,00	0 - 10	
d-TERPINEOL	0,00		
NERAL	0,00		
a-TERPINEOL	0,03		
TERPENYL ACETATE	0,00		
BORNEOL + LEDENE	0,00		
GERANIAL	0,00		
CARVONE	0,00		
Trans-p-MENTHA-1,8-DIEN-2-OL	0,00		
GERANIOL	0,00		
cis-p-MENTHA-1,8-DIEN-2-OL	0,00		
Epi-GLOBULOL	0,00		
GLOBULOL	0,00	traces	
VIRIDIFLOROL	0,00		

