

ANALYSIS

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

Botanical name : *Eucalyptus globulus*

Batch number : LS108851

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	0,906
Refractive index at 20°C	1,461
Optical rotation at a 20°C	6,1

Production date:

Best before end:

GC Results

COMPONENTS	%	Standard	Pharma
a-PINENE	8,26	0 - 20	0.05 - 10
CAMPHENE	0,03		
b-PINENE	0,35		0.05 - 1.5
b-MYRCENE	0,64		
a-PHELLANDRENE	1,13		0.05 - 1.5
a-TERPINENE	0,22		
LIMONENE	8,96	2 - 15	0.05 - 15
1-8- CINEOLE	73,90	70 - 85	> 70
cis-b-OCIMENE	0,08		
trans-b-OCIMENE	0,02		
g-TERPINENE	2,35		
MENTHATRIENE ISOMERE	0,05		
p-CYMENE	3,05	1 - 6	
TERPINOLENE	0,02		
AROMADENDRENE	0,09	traces	
Trans-PINOCARVEOL	0,05	0 - 10	
a-TERPINEOL	0,13		
BORNEOL + LEDENE	0,02		
GLOBULOL	0,03	traces	
TOTAL	99,44		