

ANALYSIS

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

Botanical name : *Eucalyptus globulus*

Batch number : 94-621

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	0,907
Refractive index at 20°C	1,462
Optical rotation at a 20°C	7,1

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar
ISOVALERALDEHYDE	0,59	
a-PINENE	16,62	10 - 22
CAMPHENE	0,10	
b-PINENE	0,42	
PINADIENE	0,08	
b-MYRCENE	0,28	
a-PHELLANDRENE	0,43	
a-TERPINENE	0,09	
LIMONENE	5,62	1 - 8
1-8- CINEOLE	62,68	50 - 65
cis-b-OCIMENE	0,07	
trans-b-OCIMENE	0,02	
g-TERPINENE	0,74	
MENTHATRIENE ISOMERE	0,09	
p-CYMENE	1,29	1 - 5
TERPINOLENE	0,17	
PINOL	0,05	
a,p-DIMETHYLSTYRENE	0,10	
a-GURJUNENE	0,21	
LINALOOL	0,13	
PINOCARVONE	0,26	
TERPINEN-4-OL	0,32	
b-CARYOPHYLLENE	0,05	
AROMADENDRENE	2,13	0.5 - 5
Trans-PINOCARVEOL	1,31	0.5 - 5
d-TERPINEOL	0,11	
NERAL	0,05	
a-TERPINEOL	1,74	
TERPENYL ACETATE	0,45	
BORNEOL + LEDENE	0,20	
Trans-p-MENTHA-1,8-DIEN-2-OL	0,07	
GERANIOL	0,06	
cis-p-MENTHA-1,8-DIEN-2-OL	0,09	
Epi-GLOBULOL	0,14	
GLOBULOL	0,42	0.3 - 1.5
VIRIDIFLOROL	0,09	
TOTAL	96,76	

