

ANALYSIS

Product Name : JUNIPERBERRY
Aceite Esencial de Baya de Enebro

Botanical name : *Juniperus communis*

Batch number : LS112225

Origin : East countries

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	0,859
Refractive index at 20°C	1,475
Optical rotation at a 20°C	-5,4

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar
a-PINENE	51,55	46 - 56
CAMPHENE	0,11	
b-PINENE	8,43	1 - 12
SABINENE	6,69	4 - 7
b-MYRCENE	9,37	3 - 14
a-TERPINENE	0,20	
LIMONENE	4,91	2 - 8
1,8 CINEOL	0,13	
g-TERPINENE	1,26	
p-CYMENE	1,29	
TERPINOLENE	0,45	
trans-THUJANOL	0,05	
BORNIL ACETATE	0,15	
TERPINENE-4-OL	2,72	1 - 6
b-CARYOPHYLLENE	3,99	1,5 - 5
ESTRAGOL	0,09	
a-HUMULENE	2,97	1 - 4
a-TERPINEOL	0,04	
TERPENIL ACETATE	0,09	
BORNEOL	0,03	
GERMACRENO-D	1,68	1 - 5
d-CADINENE	0,38	0,2 - 3
g-CADINENE	0,11	
TOTAL	96,66	