

ANALYSIS

Product Name : ROSEMARY OIL Type Camphor
Aceite esencial de Romero tipo Alcanfor
Botanical name : *Rosmarinus officinalis*
Batch number : LS108104
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	0,901
Refractive index at 20°C	1,469
Optical rotation at a 20°C	2,3

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar	Pharma
TRICYCLEN	0,42		
a-PINENE + a-THUYENE	22,39	18 - 26	18 - 26
a-FENCHENE	0,13		
CAMPHE	8,45	7 - 13	8 - 12
b-PINENE	3,70	2 - 5	2 - 6
PINADIENE	0,28		
b-MYRCENE	3,53	2.5 - 5	1.5 - 5
a-PHELLANDRENE	0,56		
a-TERPINENE	0,59		
LIMONENE	3,78	2.5 - 5.5	2.5 - 5
1-8- CINEOL	20,01	17 - 25	16 - 25
g-TERPINENE	1,13		
3-OCTANONE	0,14		
p-CYMENE	1,41	1 - 2	1 - 2.2
TERPINOLENE	0,64		
YLANGENE	0,09		
CAMPHOR	18,88	12.5 - 22	13 - 21
LINALOOL	0,67		
LINALYL ACETATE	0,00		
BORNYL ACETATE	1,56	0.4 - 2.5	0.5 - 2.5
TERPINEN-4-OL	0,63		
b-CARYOPHYLLENE	1,81		
Trans-PINOCARVEOL	0,08		
a-HUMULENE+NERAL	0,46		
a-TERPINEOL	1,69	1 - 3.5	1 - 3.5
BORNEOL	2,42	2 - 4	2 - 4.5
VERBENONE	1,58	0.7 - 2.5	0.7 - 2.5
d-CADINENE	0,04		
g-CADINENE	0,04		
p-CYMEN-8-OL	0,05		
CARYOPHYLLEN OXYDE	0,09		
TOTAL	97,25		

