

ANALYSIS

Product Name : **ORGANIC ROSEMARY OIL Type Cineol**
Aceite esencial de Romero tipo cineol Ecológico

Botanical name : *Rosmarinus officinalis*

Batch number : LSB112603

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	0,908
Refractive index at 20°C	1,466
Optical rotation at a 20°C	1,1

Production date: September 2021

Best before end: September 2025

GC Results

COMPONENTS	%	Standar	Pharma
TRICYCLENE	0,16		
a-PINENE + a-THUYENE	12,65	9 - 14	9 - 14
a-FENCHENE	0,08		
CAMPHENE	4,23	2.5 - 6	2.5 - 6
b-PINENE	7,46	4 - 9	4 - 9
PINADIENE	0,03		
b-MYRCENE	1,66	1 - 2	1 - 2
a-PHELLANDRENE	0,23		
a-TERPINENE	0,42		
LIMONENE	3,08	1.5 - 4	1.5 - 4
1-8- CINEOL	44,70	38 - 55	38 - 55
g-TERPINENE	0,86		
3-OCTANONE	0,11		
p-CYMENE	1,47	0.5 - 2.5	0.8 - 2.5
TERPINOLENE	0,32		
YLANGENE	0,05		
CAMPHOR	10,33	5 - 15	5 - 15
LINALOOL	0,61		
BORNYL ACETATE	0,82	0.1 - 1.6	0.1 - 1.5
TERPINEN-4-OL	0,69		
b-CARYOPHYLLENE	3,56		
a-HUMULENE+NERAL	0,39		
a-TERPINEOL	1,42		1 - 2.6
BORNEOL	2,29	1 - 6	1.5 - 5
VERBENONE	0,09	0 - 0.4	< 0.4
d-CADINENE	0,20		
g-CADINENE	0,11		
p-CYMEN-8-OL	0,03		
CARYOPHYLLEN OXYDE	0,10		
TOTAL	98,11		