

esenciales

aceites y esencias

ANALYSIS

Product Name : LINALOOL THYME OIL vulgaris
Aceite esencial de Tomillo Linalol vulgaris
Botanical name : *Thymus vulgaris*
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	0,871
Refractive index at 20°C	1,467
Optical rotation at a 20°C	-8,2

GC Results

COMPONENTS	%	Standar
TRICYCLEN	0,02	
a-PINENE	2,16	0.5 - 3
a-THUYENE	1,12	0.5 - 2
CAMPHE	0,52	
b-PINENE	0,26	
SABINENE	0,51	
b-MYRCENE	3,13	2 - 5
a-PHELLANDRENE	0,19	
a-TERPINENE	1,98	1 - 4
LIMONENE	1,40	
1,8-CINEOL + b-PHELLANDRENE	1,24	
g-TERPINENE	3,93	2 - 6
p-CYMENE	1,36	
TERPINOLENE	0,75	
Cis-OXYDE DE LINALOOL	0,19	
Trans-THUYANOL	1,03	
Trans-OXYDE DE LINALOL	0,16	
CAMPHOR	0,31	
LINALOOL	64,31	50 - 75
LINALYLE ACETATE	0,49	
Trans-p-MENTH-2-EN-1-OL	0,27	
b-CARYOPHYLLENE	0,58	
TERPINEN-4-OL	6,57	3 - 8
Cis-DIHYDROCARVONE	0,25	
Trans-DIHYDROCARVONE	0,12	
NERAL	0,06	
a-TERPINEOL	1,02	
BORNEOL	0,82	
VERBENONE	0,43	Traces - 1
a-MUUROLENE + GERANIAL	0,09	
GERANIOL	0,11	
CARYOPHYLLEN OXYDE	0,06	
THYMOL	0,81	
CARVACROL	0,08	
TOTAL	96,33	