

ANALYSIS

Product Name : RAVINTSARA OIL
Aceite esencial de Ravintsara

Botanical name : *Cinnamomum camphora*

Batch number : LS112642

Origin : Madagascar

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	0,904
Refractive index at 20°C	1,471
Optical rotation at a 20°C	-17,1

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar
a-PINENE	5,19	3 - 7
CAMPHENE	0,14	
b-PINENE	4,03	2 - 5
SABINENE	12,49	10 - 15
a-PHELLANDRENE	0,06	
b-MYRCENE	1,55	
a-TERPINENE	0,69	
LIMONENE	0,60	
1,8 CINEOL	59,65	50 - 65
cis-b-OCIMENE	0,08	
trans-b-OCIMENE	0,20	
g-TERPINENE	1,60	
p-CYMENE	0,19	
TERPINOLENE	0,28	
trans-THUJANOL	0,24	
cis-THUJANOL	0,13	
TERPINENE-4-OL	2,50	1 - 4
b-CARYOPHYLLENE	0,67	
d-TERPINEOL	0,43	
a-HUMULENE + NERAL	0,45	
a-TERPINEOL	6,47	4 - 8
BORNEOL	0,09	
GERMACRENO-D	0,24	
b-SELINENE	0,09	
a-SELINENE	0,06	
BICYCLOGERMACRENE	0,17	
TOTAL	98,30	