

ANALYSIS

Product Name : **ORGANIC PEPPERMINT OIL**
Aceite esencial de Menta Piperita Ecológico

Botanical name : Mentha piperita

Batch number : LSB107425

Origin : India

Analysis features :

CPG 5890 / MS 5970 - Column : HP INNOWAX polaire : 60 m × 0,25 mm × 0,5 µm
CPG 5890 FID - 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 pps/FID. Injector : split. Sample : 0.1 µl of 50% de solution with ethanol.
Mass range: 30 to 350. The compounds of the essential oils are identified by a combined search

Physical characteristics:

Density at 20°C	0,905
Refractive index at 20°C	1,462
Optical rotation at a 20°C	-24,6

Production date:

Best before end:

GC Results

COMPONENTS	%	Standar
a-PINENE	0,84	
b-PINENE	1,04	
SABINENE	0,40	
b-MYRCENE	0,20	
a-PHELLANDRENE	0,03	
LIMONENE	2,21	1 - 3
1,8-CINEOLE	4,89	3 - 8
Cis-b-OCIMENE	0,13	
Trans-b-OCIMENE	0,34	
p-CYMENE	0,24	
TERPINOLENE	0,13	
3-OCTANOL	0,14	0,1 - 0,5
Trans-THUYANOL	0,30	
MENTHONE	22,87	13 - 28
MENTHOFURANE	2,84	1 - 8
ISOMENTHONE	3,80	2 - 8
LINALOL	0,71	
ACETATE DE MENTHYLE	5,74	2 - 8
ISOPULEGOL	0,12	
ACETATE D'ISOMENTHYLE	0,25	
NEOMENTHOL	3,42	2 - 6
TERPINENE-4-OL	0,71	
b-CARYOPHYLLENE	2,13	1 - 3,5
NEOISOMENTHOL	0,44	
MENTHOL	40,23	32 - 49
PULEGONE	1,41	0,5 - 3
a-TERPINEOL + g-MUUROLENE	0,30	
GERMACRENE D	0,74	
PIPERITONE	0,58	
CARVONE	0,28	
d-CADINENE	0,04	
g-CADINENE	0,02	
OXYDE DE CARYOPHYLLENE	0,04	
VIRIDIFLOROL	0,05	
THYMOL	0,06	
TOTAL	97,67	

