

essenciales

aceites y esencias

ANALYSIS

Product Name : **BASIL OIL**
Aceite esencial de Albahaca Basílico

Botanical name : *Ocimum Basilicum L. Labiatae*

Batch number : 09/2021

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	0.938
Refractive index at 20°C	1.506
Optical rotation at a 20°C	-9.3

GC Results

COMPONENTS	%	Standar
a-PINENE	0.08	
b-PINENE	0.04	
SABINENE	0.01	
b-MYRCENE	0.05	
LIMONENE	0.04	
1,8-CINEOLE	0.08	
Cis-b-OCIMENE	0.02	
g-TERPINENE	0.00	
Trans-b-OCIMENE	0.24	
p-CYMENE	0.01	
TERPINOLENE	0.02	
LINALOL	19.68	
1-OCTANOL	0.03	
BORNYL ACETATE	0.53	
b-CARYOPHYLLENE	0.48	
MENTHOL	0.14	
E-b-FARNESENE	0.33	
ESTRAGOLE	73.51	
NERAL	0.30	
z-b-FARNESENE	0.28	
a-TERPINEOL	0.13	
GERMACRENE D	0.48	
GERANIAL	0.50	
CARVONE	0.00	
ACETATE DE GERANYLE	0.05	
a-BISABOLENE + g-CADINENE	1.89	
Trans-ANETHOLE	0.03	
GERANIOL	0.04	
CARYOPHYLLENE OXYDE	0.08	
METHYLEUGENOL	0.04	
EUGENOL	0.00	
TOTAL	99.11	