

ANALYSIS

Product Name : FRANKINCENSE OIL
Aceite esencial de Incienso

Botanical name : *Boswellia carterii*

Batch number : LS112674

Origin : Somalia

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.

essenciales
aceites y esencias

Physical characteristics:

Density at 20°C	0.865
Refractive index at 20°C	1.474
Optical rotation at a 20°C	-9.7

Production date:

June	2021
------	------

Best before end:

June	2025
------	------

GC Results

COMPONENTS	%	Standar	Pharma
a-PINENE + a-THUJENE	45.44		
CAMPHENE	0.81		
b-PINENE	3.00		
SABINENE	3.61		
PINADIENE	0.32		
b-MYRCENE + d-3-CARENE	5.93		
a-PHELLANDRENE	2.21		
a-TERPINENE	0.13		
LIMONENE	13.15		
b-PHELLANDRENE	0.68		
g-TERPINENE	0.16		
p-CYMENE	4.37		
TERPINOLENE	0.06		
b-THUJONE	0.04		
cis-1,2-LMONENE EPOXIDE	0.19		
a-COPAENE	1.09		
b-BOURBONENE	0.11		
LINALOOL	0.11		
BORNYL ACETATE	0.34		
b-ELEMENE	0.88		
TERPINENE-4-OL	0.31		
b-CARYOPHYLLENE	4.87		
cis-VERBENOL	0.24		
trans-PINOCARVEOL	0.69		
trans-VERBENOL	0.98		
a-HUMULENE	0.80		
a-TERPINEOL	0.68		
TERPENYL ACETATE + trans-SABINOL	0.28		
VERBENONE	0.34		
GERMACRENE-D	0.27		
trans-p-MENTH-2-EN-1,8-DIOL	0.49		

COMPONENTS	%	Standar	Pharma
b-SELINENE	0.34		
a-MUUROLENE	0.03		
a-SELINENE	0.29		
CARVONE	0.15		
d-CADINENE	0.64		
g-CADINENE	0.33		
CADINA-1,4-DIENE + MYRTENOL	0.11		
trans.CARVEOL + TERPENYL ALCOHOL	0.16		
p-CYMENE-8-OL	0.11		
cis-CARVEOL	0.05		
epi-CUBEBOL	0.16		
CUBEBOL	0.53		
CARYOPHYLLENE OXIDE	0.54		
EPOXY-6,7-HUMULENE	0.05		
epi-CUBENOL	0.03		
CUBENOL	0.04		
VIRIDIFLOROL	0.05		
10-epi-g-EUDESMOL	0.07		
t-CADINOL	0.22		
INCENSYL ACETATE	0.03		
CEMBRENOL	0.04		
INCENSOLE	0.08		
TOTAL	96.63		