

ANALYSIS

Product Name : MYRRH OIL
Aceite esencial de Mirra
Botanical name : *Commiphora myrrha*
Batch number : LS108415
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.

Physical characteristics:

Density at 20°C	1.030
Refractive index at 20°C	1.529
Optical rotation at a 20°C	-102.2

Production date: Junio 2019

Best before end: Junio 2023

GC Results

COMPONENTS	%
a-PINENE	0.32
b-MYRCENE	0.20
LIMONENE	0.04
1,8-CINEOL	0.07
d-ELEMENE	0.76
b-BOURBONENE	0.29
b-ELEMENE	4.08
TERPINENE-4-OL	0.11
b-CARHYOPHYLLENE	0.38
a-HUMULENE	0.29
GERMACRENE-D	0.92
d-CADINENE	0.18
g-CADINENE	0.29
CURZERENE	23.41
LINDESTRENE	38.70
FURANO EUDESMA-1,3-DIENE	12.66
METHOXYFURANOGERMACRENE	6.76
TOTAL	89.46