

ANALYSIS

Product Name : RUE OIL
Aceite esencial de Ruda
Botanical name : *Ruta graveolens*
Batch number : 03/2022 (108576)
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	0.827
Refractive index at 20°C	1.430
Optical rotation at a 20°C	-1.2

Distillation date:

Best before end:

GC Results

COMPONENTS	%	Standar	Pharma
a-PINENE	0.16		
b-PINENE	0.04		
SABINENE	0.07		
b-MYRCENE	0.01		
LIMONENE	0.20		
1,8-CINEOL	0.20		
g-TERPINENE	0.02		
p-CYMENE	0.04		
2-NONANONE	0.77		
2-DECANONE	0.37		
CAMPHOR	0.05		
LINALOOL	0.09		
2-UNDECANONE	96.88		
b-CARYOPHYLLENE	0.07		
DECENYL ACETATE ISOMER	0.01		
2-DODECANONE	0.02		
2-UNDECANOL	0.00		
z,e-FARNESENS ISOMER	0.01		
2-TRIDECANONE	0.11		
trans-ANETHOL	0.01		
CARYOPHYLLENE OXYDE	0.01		
TRIDECANE-2,4-DIONE Mw=212	0.03		
THYMOL	0.01		
CARVACROL	0.00		
TOTAL	99.18		