Laboratory of Esseterre Bulgaria EOOD
Distillery
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CERTIFICATE OF ANALYSIS

#196 / 15.05.2026

Name of product: Rosemary Oil
Customer: Natural Heroes Europe EOOD
Sample identification: RM.26016.2990.0.0.S1659.T0
Additional information: FL Rosmarinus Essential oil, Off. L. (Organic)
Lot: MO 41618

Date of receipt: 14/05/2026
Date of analysis: 15/05/2026
Sample quantity: 20 g
Sampled by: client

Chromatographic profile

Parameter	Range according to company specification	Result
alpha-Pinene	-	11.26
Camphene	-	6.09
beta-Pinene	-	2.34
Myrcene	-	21.47
Limonene	-	10.44
1.8-Cneole	-	13.05
p-Cymene	-	3.64
Linalool	-	1.08
Camphor	-	20.73
alpha-Terpineol	-	1.08

Attachment: Chromatographic file RM.26016.2990.0.0.S1659.T0

Laboratory Manager: Daniela Radeva Georgieva

Product Quality Control: Teodora Georgieva Popova

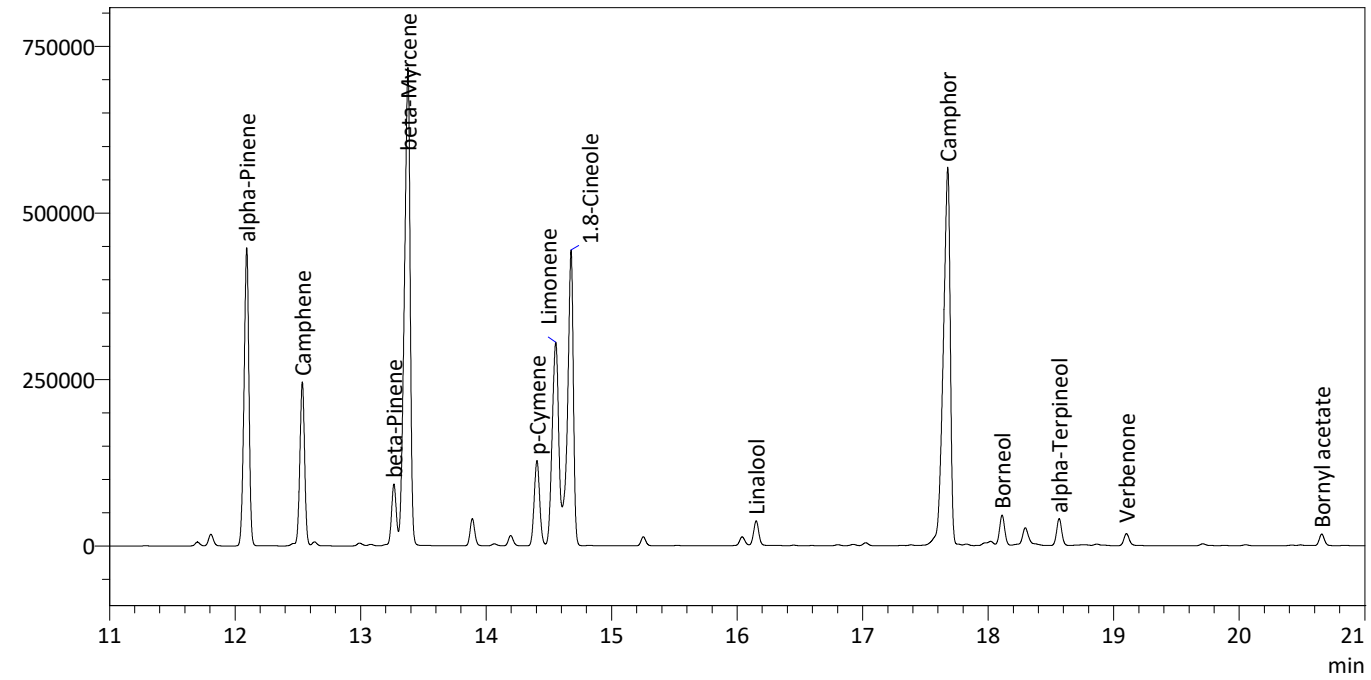
Sample Information
Analyzed by Esseterre Laboratory
Sample Type: Essential Oil
Sample Name: Rosemary
Sample ID:RM.26016.2990.0.0.S1659.T0
Analyzed: 5/14/2026 3:10:16 PM
Injection Volume: 2 uL

System Configuration

Column: 60mx0.25mmx0.25µm
Stationary phase: 5% diphenyl / 95% dimethyl polysiloxane
Oven temperature: 55°C - 5 min; to 100°C - 5.5°C/min; to 200 - 8°C/min

Detector: FID/MS
Split ratio: 1:200
Injector temperature: 260 °C

Chromatogram
Rosemary



Peak Report:

FID1

ID#	Ret.Time	Name	Conc.	Units
1	12.093	alpha-Pinene	11.26	%
2	12.536	Camphene	6.09	%
3	13.266	beta-Pinene	2.34	%
4	13.377	beta-Myrcene	21.47	%
5	14.405	p-Cymene	3.64	%
6	14.555	Limonene	10.44	%
7	14.677	1.8-Cineole	13.05	%
8	16.152	Linalool	1.08	%
9	17.678	Camphor	20.73	%
10	18.111	Borneol	1.23	%
11	18.565	alpha-Terpineol	1.08	%
12	19.102	Verbenone	0.52	%
13	20.657	Bornyl acetate	0.48	%

Percentages are calculated from GC/FID peaks areas without using corrections factors;
Components are identified by a combination of Rt (Esseterre database) and mass spectra libraries (242k compounds).

GAS CHROMATOGRAPHIC ANALYSIS

Method : Analysis of the composition of an essential oil or other volatile liquide by GC-FID
Results : See analysis summary
Date : 14-05-2026

Product: Rosemary essential oil
Lot: MO 41618
Report prepared for: Natural Heroes Europe EOOD
Internal code: RM.26016.2990.0.0.S1659.T0

FULL ANALYSIS DATA
Column DB-5

Ret. Time	Name	Area	Unit
11.7	Hashishene	0.14	%
11.807	alpha-Thujene	0.44	%
12.093	alpha-Pinene	11.26	%
12.536	Camphene	6.09	%
12.633	Verbenene	0.15	%
12.991	1-Octen-3-ol	0.12	%
13.081	Unidentified	0.06	%
13.266	beta-Pinene	2.34	%
13.377	beta-Myrcene	21.47	%
13.89	alpha-Phellandrene	0.99	%
14.065	Unidentified	0.08	%
14.196	alpha-Terpinene	0.39	%
14.405	p-Cymene	3.64	%
14.555	Limonene	10.44	%
14.677	1.8-Cineole (Eucalyptol)	13.05	%
15.252	gamma-Terpinene	0.34	%
16.04	Terpinolene	0.40	%
16.152	Linalool	1.08	%
17.024	Fenchol	0.13	%
17.678	Camphor	20.73	%
18.019	delta-Terpineol	0.27	%
18.111	Borneol	1.23	%
18.295	Terpinen-4-ol	0.98	%
18.565	alpha-Terpineol	1.08	%
18.755	Myrtenol	0.09	%
18.865	Sabinol	0.10	%
19.102	Verbenone	0.52	%
19.709	Pulegone	0.10	%

Ret. Time	Name	Area	Unit
20.657	Bornyl acetate	0.48	%
22.681	Copaene	0.13	%
23.679	beta-Caryophyllene	0.85	%
24.363	alpha-Humulene	0.19	%
24.641	gamma-Muurolene	0.19	%
25.032	Unidentified	0.12	%
25.435	gamma-Cadinene	0.07	%
25.501	delta-Cadinene	0.18	%
27.097	Caryophyllene oxide	0.09	%
	Total	100.00	%

ALLERGENS according Regulation 1223/2009

The compounds detected below 0.05% of total signal are not present.