



Suleyman Demirel University
Natural Product Application and Research
Center
(SUDUM)



Report Date

6.02.2023

PRIVATE REQUEST ANALYSIS REPORT

Purpose of Analysis : Content Analysis with GC-MS
Date the sample was taken : 25.01.2023
Date of the experiment : 25.01.2023
Name and identity of test item : Oregano Oil
Production date : 23.01.2023

TEST RESULTS

No	Detected Active Substance	% Quantity	Measurement Limit	Unit	Analysis Method
1	α -Thujene	0.01	0.01%	% (Peak rate)	GC-MS
2	α -Pinene	0.04	0.01%	% (Peak rate)	GC-MS
3	Camphene	0.02	0.01%	% (Peak rate)	GC-MS
4	Sabinene	0.01	0.01%	% (Peak rate)	GC-MS
5	1-Octen-3-ol	0.03	0.01%	% (Peak rate)	GC-MS
6	α -Myrcene	0.12	0.01%	% (Peak rate)	GC-MS
7	l-Phellandrene	0.04	0.01%	% (Peak rate)	GC-MS
8	α -Terpinene	0.27	0.01%	% (Peak rate)	GC-MS
9	p-Cymene	1.62	0.01%	% (Peak rate)	GC-MS
10	cis-Ocimene	0.01	0.01%	% (Peak rate)	GC-MS
11	α -Ocimene Y	0.01	0.01%	% (Peak rate)	GC-MS
12	ζ -Terpinene	0.84	0.01%	% (Peak rate)	GC-MS
13	trans-Sabinene Hydrate	0.01	0.01%	% (Peak rate)	GC-MS
14	trans-Linalool oxide	0.01	0.01%	% (Peak rate)	GC-MS
15	α -Terpinolene	0.08	0.01%	% (Peak rate)	GC-MS
16	cis-Sabinene Hydrate	0.01	0.01%	% (Peak rate)	GC-MS
17	α -Linalool	5.52	0.01%	% (Peak rate)	GC-MS
18	Borneol	0.84	0.01%	% (Peak rate)	GC-MS
19	4-Terpineol	0.59	0.01%	% (Peak rate)	GC-MS
20	α -Terpineol	0.11	0.01%	% (Peak rate)	GC-MS
21	cis-Dihydrocarvone	0.01	0.01%	% (Peak rate)	GC-MS
22	Cuminic aldehyde	0.01	0.01%	% (Peak rate)	GC-MS
23	d-Carvone	0.06	0.01%	% (Peak rate)	GC-MS
24	Carvacrol methyl ether	0.05	0.01%	% (Peak rate)	GC-MS
25	Carvenone	0.02	0.01%	% (Peak rate)	GC-MS
26	Linalyl acetate	0.02	0.01%	% (Peak rate)	GC-MS
27	Tymol	1.30	0.01%	% (Peak rate)	GC-MS
28	Carvacrol	83.19	0.01%	% (Peak rate)	GC-MS
29	trans-Caryophyllene	0.97	0.01%	% (Peak rate)	GC-MS
30	Aromadendrene	0.14	0.01%	% (Peak rate)	GC-MS
31	α -Bergamotene	0.04	0.01%	% (Peak rate)	GC-MS
32	α -Humulene	0.04	0.01%	% (Peak rate)	GC-MS
33	Ledene	0.10	0.01%	% (Peak rate)	GC-MS
34	α -Bisabolene	2.51	0.01%	% (Peak rate)	GC-MS
35	(-)Spathulenol	0.04	0.01%	% (Peak rate)	GC-MS
36	Caryophyllene oxide	0.12	0.01%	% (Peak rate)	GC-MS
37	α -Cadinol	0.12	0.01%	% (Peak rate)	GC-MS
38	Other Compounds	1.05	0.01%	% (Peak rate)	GC-MS
Total		100.00			

As a result of the examinations and analyzes carried out, the values mentioned above were determined.

NOTE 1 : This analysis report cannot be used in judicial-administrative procedures and for advertising purposes.

NOTE 2 : No part of this analysis report can be used alone or separately.

NOTE 3 : The results of the analysis are valid for the sample mentioned above.

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