

Client



Source



Marjoram, Sweet (*Origanum majorana*)
EG-59201

Sample

Marjoram, Sweet (*Origanum majorana*)
Batch #:..... EG-59201
Type:..... Essential Oil
CAS Number:... 8016-33-9
Nature's Gift

Client



Website

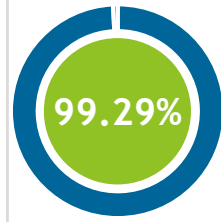
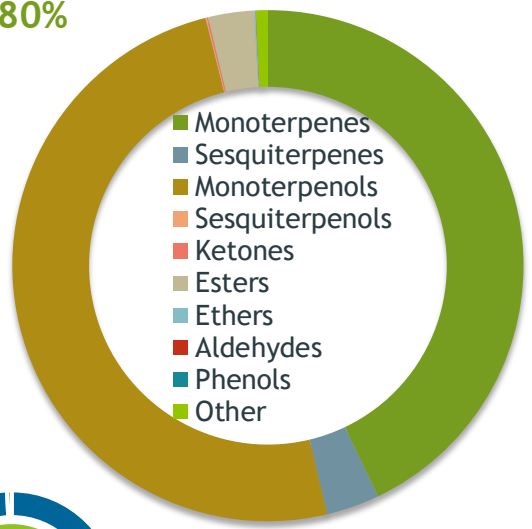


Primary

20.03% | Terpinen-4-ol
18.33% | cis-Sabinene hydrate
11.40% | gamma-Terpinene

Monoterpenols

49.80%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Marjoram, Sweet (*Origanum majorana*)

Internal Number: | EVS-4665



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306
Gainesville, FL 32601

317.361.5044 | <https://essentialvalidationservices.com/>

Alan Christen

Monoterpenes	42.92%	42.92%
Sesquiterpenes	3.35%	3.35%
Monoterpenols	49.80%	49.80%
Sesquiterpenols	0.07%	0.07%
Ketones	0.10%	0.10%
Esters	2.90%	2.90%
Ethers	0.09%	0.09%
Aldehydes	0.02%	0.02%
Phenols	0.00%	0.00%
Other	0.75%	0.75%

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- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
- This report may not be published without the consent of Essential Validation Services.
- Chromatograph image may be requested
- This report is valid for 1 year from the analyzed date

Client



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Total Percentage		99.29%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.90	1.14%	alpha-Thujene	Monoterpene
2	8.15	0.88%	alpha-Pinene	Monoterpene
3	8.76	0.03%	Camphene	Monoterpene
4	9.73	7.53%	Sabinene	Monoterpene
5	9.87	0.52%	beta-Pinene	Monoterpene
6	10.28	0.06%	Octan-3-one	Aliphatic Ketone
7	10.46	2.20%	Myrcene	Monoterpene
8	10.99	0.08%	Pseudolimonene	Monoterpene
9	11.10	0.77%	alpha-Phellandrene	Monoterpene
10	11.60	7.95%	alpha-Terpinene	Monoterpene
11	11.90	1.91%	para-Cymene	Monoterpene
12	12.13	4.88%	Limonene	Monoterpene
13	12.49	0.04%	(Z)-beta-Ocimene	Monoterpene
14	12.95	0.08%	(E)-beta-Ocimene	Monoterpene
15	13.48	11.40%	gamma-Terpinene	Monoterpene
16	13.97	4.48%	trans-Sabinene hydrate	Monoterpenol
17	14.66	3.45%	Terpinolene	Monoterpene
18	14.85	0.03%	para-Cymenene	Monoterpene
19	15.46	18.33%	cis-Sabinene hydrate	Monoterpenol
20	15.61	0.02%	Nonanal	Aliphatic Aldehyde
21	15.88	0.03%	1,3,8-para-Menthatriene	Monoterpene
22	16.42	1.57%	cis-para-Menth-2-en-1-ol	Monoterpenol
23	17.11	0.09%	trans-Pinocarveol	Monoterpenol
24	17.25	0.83%	trans-para-Menth-2-en-1-ol	Monoterpenol
25	17.55	0.03%	cis-Limonene oxide	Monoterpene Ether
26	18.60	0.07%	Borneol	Monoterpenol
27	19.13	20.03%	Terpinen-4-ol	Monoterpenol
28	19.32	0.07%	para-Cymen-8-ol	Monoterpenol
29	19.71	3.65%	alpha-Terpineol	Monoterpenol
30	19.77	0.26%	cis-Piperitol	Monoterpenol
31	20.32	0.37%	trans-Piperitol	Monoterpenol
32	20.77	0.02%	trans-Carveol	Monoterpenol
33	21.07	0.03%	Nerol	Monoterpenol
34	21.84	0.04%	Carvone	Monoterpene Ketone
35	22.27	2.73%	Linalyl acetate	Monoterpene Ester



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Table with 5 columns: Number, RT, Area %, Compound Name, Chemical Family. Contains 54 rows of data including compounds like Citronellyl formate, Terpinen-4-yl acetate, Tridecane, etc.

ESSENTIAL VALIDATION SERVICES | 14 SW 2nd AVE GAINESVILLE, FLORIDA 32601 | 352-351-5044

