

Client



Source



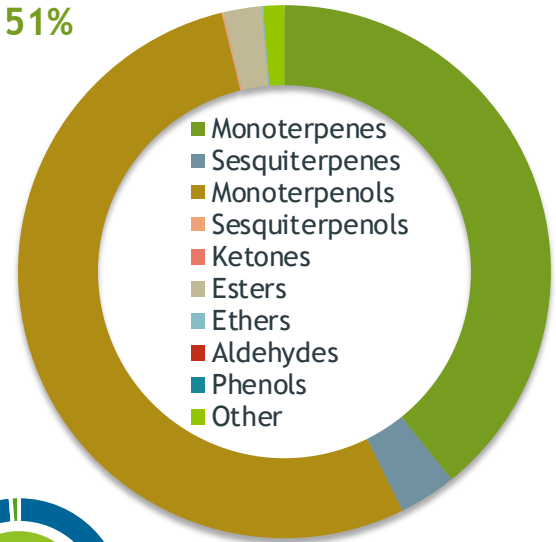
Marjoram (*Origanum majorana*)
NF-MARJ-19-B

Sample

Marjoram (*Origanum majorana*)
Batch #:..... NF-MARJ-19-B
Type:..... Essential Oil
CAS Number:... 8016-33-9
Nature's Fusions

Monoterpenols

53.51%



Percentage Identified



Client



Website



Primary

25.32% Terpinen-4-ol
17.83% Linalool (Co-Eluting)
11.51% gamma-Terpinene

Result



Conclusion

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

Internal Number: | EVS-2886



Essential Validation Services

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

317.361.5044 |
<https://essentialvalidationservices.com/>
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Monoterpenes	39.22%	39.22%
Sesquiterpenes	0.09%	0.09%
Monoterpenols	53.51%	53.51%
Sesquiterpenols	0.02%	0.02%
Ketones	0.00%	0.00%
Esters	2.32%	2.32%
Ethers	0.08%	0.08%
Aldehydes	0.00%	0.00%
Phenols	0.00%	0.00%
Other	1.28%	1.28%

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Nature's FUSIONS
 ESSENTIAL OILS

Source



Marjoram (Origanum majorana)
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Total Percentage		98.73%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	9.80	0.01%	cis-Hex-3-en-1-ol	850.00	Aliphatic Alcohol
2	12.62	0.59%	alpha-Thujene	927.80	Monoterpene
3	12.89	0.76%	alpha-Pinene	936.10	Monoterpene
4	13.51	0.03%	Camphene	950.30	Monoterpene
5	14.58	7.61%	Sabinene	973.00	Monoterpene
6	14.71	0.40%	beta-Pinene	974.00	Monoterpene
7	15.30	2.02%	Myrcene	989.20	Monoterpene
8	15.86	0.35%	alpha-Phellandrene	1002.00	Monoterpene
9	16.39	7.39%	alpha-Terpinene	1014.00	Monoterpene
10	16.70	1.78%	para-Cymene	1024.30	Monoterpene
11	16.90	4.04%	Limonene	1029.50	Monoterpene
12	17.25	0.02%	(Z)-beta-Ocimene	1037.80	Monoterpene
13	17.68	0.06%	(E)-beta-Ocimene	1047.70	Monoterpene
14	18.17	11.51%	gamma-Terpinene	1054.00	Monoterpene
15	18.49	3.47%	trans-Sabinene hydrate	1072.00	Monoterpenol
16	19.36	2.65%	Terpinolene	1092.10	Monoterpene
17	19.83	17.83%	Linalool	1099.00	Monoterpenol
18	19.84	Co-Eluting	cis-Sabinene hydrate	1094.50	Monoterpenol
19	20.67	1.59%	cis-para-Menth-2-en-1-ol	1118.25	Monoterpenol
20	20.87	0.02%	trans-para-Mentha-2,8-dien-1-ol	1123.10	Monoterpenol
21	20.90	0.01%	Alloocimene	1129.90	Monoterpene
22	21.37	0.94%	trans-para-Menth-2-en-1-ol	1141.75	Monoterpenol
23	22.34	0.02%	Isomenthone	1164.33	Monoterpene Ketone
24	22.46	0.05%	Borneol	1168.71	Monoterpenol
25	22.93	25.32%	Terpinen-4-ol	1180.57	Monoterpenol
26	23.35	3.32%	alpha-Terpineol	1191.71	Monoterpenol
27	23.52	0.34%	cis-Piperitol	1194.80	Monoterpenol
28	23.95	0.45%	trans-Piperitol	1208.50	Monoterpenol
29	24.59	0.18%	Citronellol	1229.25	Monoterpenol
30	25.58	2.20%	Linalyl acetate	1263.80	Monoterpene Ester
31	27.22	0.05%	Terpinen-4-yl acetate	1299.00	Monoterpene Ester
32	28.56	0.59%	delta-Elemene	1335.83	Sesquiterpene
33	29.27	0.07%	Neryl acetate	1362.90	Monoterpene Ester
34	31.38	2.40%	beta-Caryophyllene	1427.14	Sesquiterpene
35	32.45	0.12%	alpha-Humulene	1461.43	Sesquiterpene

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Number	RT	Area %	Compound Name	RI	Chemical Family
36	33.78	0.37%	Bicyclogermacrene	1490.71	Sesquiterpene
37	36.21	0.07%	Spathulenol	1587.00	Sesquiterpenol
38	36.40	0.08%	Caryophyllene oxide	1594.86	Sesquiterpene Ether
39	37.46	0.02%	10-epi-gamma-Eudesmol	1620.00	Sesquiterpenol

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