

Client



Source

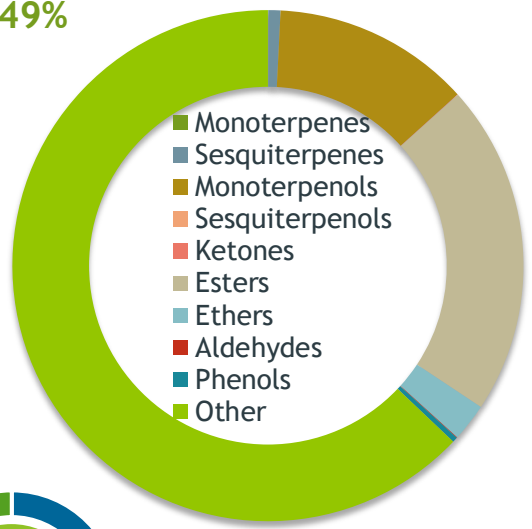
Osmanthus (*Osmanthus fragrans*)
FR-59248

Sample

Osmanthus (*Osmanthus fragrans*)
Batch #:..... FR-59248
Type:..... Absolute Oil
CAS Number:... 0
Nature's Gift

Other

48.49%



Client

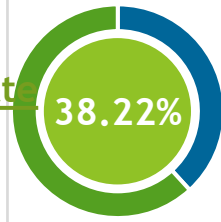


Website



Primary

10.55% Ethyl alpha-linolenate
4.71% 47.09 Ethyl hexadecanoate
4.66% Ethyl linoleate



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Absolute Oil of Osmanthus (*Osmanthus fragrans*)

Internal Number: | EVS-4957



Essential Validation Services

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

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

Alan Christen

Monoterpenes	0.02%
Sesquiterpenes	0.59%
Monoterpenols	9.65%
Sesquiterpenols	0.00%
Ketones	0.02%
Esters	16.18%
Ethers	1.85%
Aldehydes	0.03%
Phenols	0.25%
Other	48.49%

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Osmanthus (Osmanthus fragrans)

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Total Percentage		38.22%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.73	0.09%	Methyl 2-methylbutyrate	Aliphatic Ester
2	5.03	0.03%	Isovaleric acid	Aliphatic Acid
3	5.29	0.03%	2-Methylbutyric acid	Aliphatic Acid
4	6.29	0.07%	3-Methylbutanoic acid	Aliphatic Acid
5	6.88	0.04%	Ethyl pentanoate	Aliphatic Ester
6	9.37	0.10%	Isopropyl tiglate	Aliphatic Ester
7	9.96	0.15%	Hexanoic acid	Fatty Acid
8	10.08	0.02%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
9	10.44	0.02%	6-Methyl-5-hepten-2-ol	Aliphatic Alcohol
10	10.68	0.09%	Ethyl hexanoate	Monoterpene Ester
11	11.89	0.02%	Limonene	Monoterpene
12	12.14	0.01%	Benzyl alcohol	Simple Phenolic
13	13.75	3.21%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
14	14.48	3.33%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
15	15.14	1.79%	Linalool	Monoterpenol
16	15.27	0.04%	Hotrienol	Monoterpenol
17	15.58	0.24%	2-Phenylethanol	Simple Phenolic
18	17.49	0.01%	Nerol oxide	Monoterpene Ether
19	18.27	1.07%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
20	18.53	1.84%	trans-Linalool oxide (6) (pyranoid)	Monoterpene Ether
21	19.21	0.06%	(Z)-3-Hexenyl butyrate	Aliphatic Ester
22	19.42	0.15%	alpha-Terpineol	Monoterpenol
23	21.59	0.09%	Ethyl phenylacetate	Monoterpene Ester
24	22.04	0.06%	Nerol	Monoterpenol
25	24.00	0.79%	UK	
26	24.31	0.01%	Tridecane	Alkane
27	26.44	0.21%	Neric acid	Monoterpene Acid
28	26.70	0.19%	alpha-Cubebene	Sesquiterpene
29	26.87	0.11%	Citronellyl acetate	Monoterpene Ester
30	26.98	1.77%	p-Methoxyphenylethyl alcohol	
31	28.64	0.03%	Tetradecane	Alkane
32	28.94	0.12%	25.10 Ionone<dihydro-alpha->	0.00
33	29.33	0.11%	25.27 Ambrinol<trans-alpha->	0.00
34	29.79	1.26%	25.15 Ionol<beta->	0.00
35	30.21	2.63%	UK	

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Number	RT	Area %	Compound Name	Chemical Family
36	31.094	0.68%	gamma-Decalactone	
37	31.59	0.47%	(Z)-beta-Ionone	
38	31.66	0.40%	(E)-beta-Ionone	Sesquiterpene
39	37.85	0.32%	34.14 Isoborneol<8-isobutyryloxy->	0.00
40	39.03	0.71%	3-Oxo-7,8-dihydro-.beta.-ionol	
41	39.27	0.49%	4-Hydroxy-beta-ionone	
42	40.57	1.95%	Dihydro-3-oxo-.beta.-ionol	
43	45.05	0.03%	Hexadecanal	Sesquiterpene Aldehyde
44	48.00	0.22%	44.64 Methyl hexadecanoate	0.00
45	49.25	0.43%	Hexadecanoic acid	Fatty Acid
46	50.19	4.71%	47.09 Ethyl hexadecanoate	0.00
47	54.24	0.05%	51.23 Methyl octadecanoate	0.00
48	54.67	1.34%	Linoleic acid	Fatty Acid
49	54.77	0.22%	UK	
50	54.79	0.28%	UK	
51	54.87	0.27%	UK	
52	54.89	0.33%	UK	
53	55.04	0.18%	UK	
54	55.16	4.66%	Ethyl linoleate	Fatty Acid Ester
55	55.32	10.55%	Ethyl alpha-linolenate	Fatty Acid Ester
56	55.56	0.97%	UK	
57	55.66	0.37%	UK	
58	55.73	0.21%	UK	
59	55.78	0.36%	UK	
60	55.90	0.37%	UK	
61	56.23	1.40%	UK	
62	57.02	0.39%	Phytol acetate	Diterpene Ester
63	57.45	0.34%	UK	
64	57.52	0.18%	UK	
65	57.61	0.39%	UK	
66	57.71	0.53%	UK	
67	57.94	0.17%	UK	
68	58.00	0.20%	UK	
69	58.09	0.27%	UK	
70	58.18	0.39%	UK	
71	58.31	0.52%	Tricosane	Alkane

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72	58.39	0.15%	UK
73	58.47	0.21%	UK
74	58.56	0.23%	UK
75	58.61	0.16%	UK
76	58.71	0.22%	UK
77	58.78	0.15%	UK
78	58.82	0.41%	UK
79	58.96	0.26%	UK
80	59.04	0.68%	UK
81	59.07	0.39%	UK
82	59.13	0.27%	UK
83	59.23	0.53%	UK
84	59.28	0.35%	UK
85	59.47	0.63%	UK
86	59.57	0.18%	UK
87	59.70	0.37%	UK
88	59.90	0.67%	UK
89	60.02	0.19%	UK
90	60.09	0.29%	UK
91	60.17	0.27%	UK
92	60.27	0.24%	UK
93	60.55	0.37%	UK
94	60.90	0.16%	UK
95	60.97	0.32%	UK
96	61.02	0.19%	UK
97	61.09	1.88%	Tetracosanol
98	61.12	1.24%	UK
99	61.30	0.32%	UK
100	61.43	0.60%	UK
101	61.78	0.94%	UK
102	61.98	0.70%	UK
103	62.03	0.81%	UK
104	62.06	1.30%	UK
105	62.11	2.55%	UK
106	62.37	0.47%	UK
107	62.42	4.34%	UK
108	62.51	0.31%	UK

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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