

Client



Source



Lavender, Organic (*Lavandula angustifolia*)
200424388

Sample

Lavender, Organic (*Lavandula angustifolia*)
Batch #:..... 200424388
Type:..... Essential Oil
CAS Number:... 8000-28-0
Savhera

Client



Website

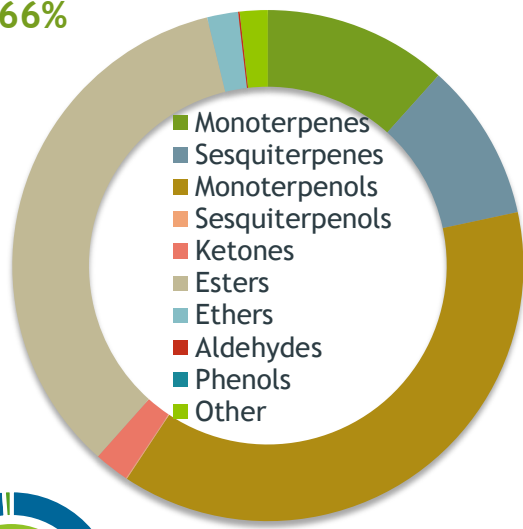


Primary

27.52% | Linalool
25.23% | Linalyl acetate
5.20% | Lavandulyl acetate

Monoterpenols

37.66%



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 Lavender, Organic (*Lavandula angustifolia*)

Internal Number: | EVS-4624



Essential Validation Services

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

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

Alan Christen

Monoterpenes	11.64%	11.64%
Sesquiterpenes	10.00%	10.00%
Monoterpenols	37.66%	37.66%
Sesquiterpenols		0.07%
Ketones		2.21%
Esters	34.60%	34.60%
Ethers		1.96%
Aldehydes		0.10%
Phenols		0.00%
Other		1.76%

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Total Percentage		98.82%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.53	0.02%	Butyl acetate	Aliphatic Ester
2	4.82	0.14%	Methyl hexyl ether	Aliphatic Ether
3	5.64	0.01%	(E)-Hex-3-en-1-ol	Aliphatic Alcohol
4	6.05	0.07%	1-Hexanol	Aliphatic Alcohol
5	7.75	0.03%	Tricyclene	Monoterpene
6	7.92	0.12%	alpha-Thujene	Monoterpene
7	8.16	0.25%	alpha-Pinene	Monoterpene
8	8.77	0.22%	Camphene	Monoterpene
9	9.72	0.04%	Sabinene	Monoterpene
10	9.88	0.06%	beta-Pinene	Monoterpene
11	10.10	0.26%	1-Octen-3-ol	Aliphatic Alcohol
12	10.29	1.37%	Octan-3-one	Aliphatic Ketone
13	10.46	0.83%	Myrcene	Monoterpene
14	10.76	0.12%	Butyl butyrate	Aliphatic Ester
15	10.81	0.21%	3-Octanol	Aliphatic Alcohol
16	11.11	0.05%	alpha-Phellandrene	Monoterpene
17	11.21	0.14%	delta-3-Carene	Monoterpene
18	11.47	0.80%	Hexyl acetate	Aliphatic Ester
19	11.58	0.06%	alpha-Terpinene	Monoterpene
20	11.70	0.07%	para-Cymene	Monoterpene
21	12.12	0.61%	Limonene	Monoterpene
22	12.21	1.45%	1,8-Cineole	Monoterpene Ether
23	12.51	4.46%	(Z)-beta-Ocimene	Monoterpene
24	12.96	3.39%	(E)-beta-Ocimene	Monoterpene
25	13.43	0.19%	gamma-Terpinene	Monoterpene
26	13.99	0.25%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
27	14.13	0.03%	1-Octanol	Aliphatic Alcohol
28	14.66	0.14%	Terpinolene	Monoterpene
29	14.72	0.14%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
30	15.51	27.52%	Linalool	Monoterpenol
31	15.68	0.07%	Hexyl propanoate	Monoterpene Ester
32	15.81	1.01%	1-Octenyl-3 acetate	Monoterpene Ester
33	15.97	0.03%	Heptyl acetate	Monoterpene Ester
34	16.35	0.13%	Octan-3-yl acetate	Aliphatic Ester
35	16.43	0.03%	cis-para-Menth-2-en-1-ol	Monoterpenol

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Number	RT	Area %	Compound Name	Chemical Family
36	16.679	0.98%	Alloocimene	Monoterpenol
37	17.00	0.01%	cis-Verbenol	Monoterpenol
38	17.36	0.39%	Camphor	Monoterpene Ketone
39	17.61	0.12%	Hexyl isobutyrate	Monoterpene Ester
40	17.75	0.02%	Nerol oxide	Monoterpene Ether
41	18.18	0.01%	para-Mentha-1,5-dien-8-ol	Monoterpenol
42	18.33	1.28%	Lavandulol	Monoterpenol
43	18.57	1.07%	Borneol	Monoterpenol
44	18.79	0.02%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
45	19.00	4.78%	Terpinen-4-ol	Monoterpenol
46	19.22	0.25%	Cryptone	Monoterpene Ketone
47	19.31	0.10%	para-Cymen-8-ol	Monoterpenol
48	19.49	0.01%	(Z)-3-Hexenyl butyrate	Aliphatic Ester
49	19.67	2.17%	alpha-Terpineol	Monoterpenol
50	20.52	0.02%	Octyl acetate	Aliphatic Ester
51	20.80	0.02%	trans-Carveol	Monoterpenol
52	21.09	0.26%	Nerol	Monoterpenol
53	21.64	0.05%	Hexyl 2-methyl butanoate	Monoterpene Ester
54	21.76	0.10%	Cuminal	Monoterpene Aldehyde
55	21.85	0.20%	Carvone	Monoterpene Ketone
56	22.36	25.23%	Linalyl acetate	Monoterpene Ester
57	23.69	0.21%	Bornyl acetate	Monoterpene Ester
58	23.82	5.20%	Lavandulyl acetate	Monoterpene Ester
59	25.78	0.05%	Hexyl tiglate	Monoterpene Ester
60	27.04	0.56%	Neryl acetate	Monoterpene Ester
61	27.62	0.03%	alpha-Copaene	Sesquiterpene
62	27.89	0.95%	Geranyl acetate	Monoterpene Ester
63	28.87	0.03%	7-epi-Sesquithujene	Sesquiterpene
64	29.27	0.05%	cis-alpha-Bergamotene	Sesquiterpene
65	29.44	4.60%	beta-Caryophyllene	Sesquiterpene
66	29.87	0.01%	beta-Copaene	Sesquiterpene
67	30.09	0.16%	trans-alpha-Bergamotene	Sesquiterpene
68	30.39	0.02%	(Z)-beta-Farnesene	Sesquiterpene
69	30.63	0.02%	epi-beta-Santalene	Sesquiterpene
70	30.99	4.45%	(E)-beta-Farnesene	Sesquiterpene
71	31.96	0.44%	Germacrene D	Sesquiterpene

ESSENTIAL VALIDATION SERVICES | 14 / SAV Z™ AVE GAINESVILLE, FLORIDA 32601 | 351-7501-5044

- 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



SAVHERA

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72	33.06	0.01%	(E,E)-alpha-Farnesene	Sesquiterpene
73	33.15	0.03%	beta-Bisabolene	Sesquiterpene
74	33.27	0.15%	gamma-Cadinene	Sesquiterpene
75	34.68	0.02%	cis-Sesquisabinene hydrate	Monoterpene Ester
76	35.86	0.35%	Caryophyllene oxide	Sesquiterpene Ether
77	38.21	0.07%	T-Cadinol	Sesquiterpenol

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