

Client



Source



Lavender (*Lavandula angustifolia*)
LODN92020

Sample

Lavender (*Lavandula angustifolia*)

Batch #:..... LODN92020

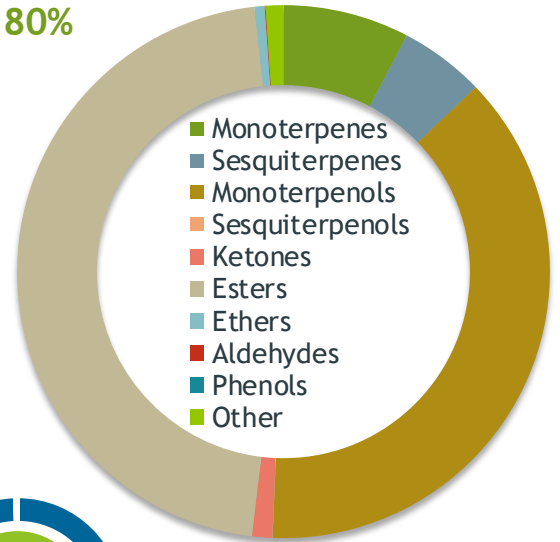
Type:..... Essential Oil

CAS Number:... 8000-28-0

Natural Sourcing LLC

Esters

45.80%



Percentage Identified

Client



Website



Primary

36.16% | Linalyl acetate

26.13% | Linalool

6.72% | Terpinen-4-ol

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Lavender (*Lavandula angustifolia*)

Internal Number: | EVS-3835



Essential Validation Services

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

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

adam@essentialvalidationservices.com

Monoterpenes	7.57%	7.57%
Sesquiterpenes	5.10%	5.10%
Monoterpenols	37.37%	37.37%
Sesquiterpenols	0.02%	0.02%
Ketones	1.21%	1.21%
Esters	45.80%	45.80%
Ethers	0.61%	0.61%
Aldehydes	0.05%	0.05%
Phenols	0.00%	0.00%
Other	1.06%	1.06%

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Total Percentage		99.54%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.79	0.02%	Butyl acetate	Aliphatic Ester
2	5.10	0.05%	Methyl hexyl ether	Aliphatic Ether
3	5.92	0.01%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
4	6.35	0.04%	1-Hexanol	Aliphatic Alcohol
5	8.15	0.02%	Tricyclene	Monoterpene
6	8.31	0.12%	alpha-Thujene	Monoterpene
7	8.57	0.28%	alpha-Pinene	Monoterpene
8	9.19	0.11%	Camphene	Monoterpene
9	9.39	0.01%	Isobutyl butyrate	Aliphatic Ester
10	10.15	0.03%	Sabinene	Monoterpene
11	10.33	0.02%	beta-Pinene	Monoterpene
12	10.51	0.38%	1-Octen-3-ol	Aliphatic Alcohol
13	10.72	0.97%	Octan-3-one	Aliphatic Ketone
14	10.91	0.78%	Myrcene	Monoterpene
15	11.20	0.11%	Butyl butyrate	Aliphatic Ester
16	11.24	0.11%	3-Octanol	Aliphatic Alcohol
17	11.68	0.04%	delta-3-Carene	Monoterpene
18	11.91	0.62%	Hexyl acetate	Aliphatic Ester
19	12.05	0.05%	2-Carene	Monoterpene
20	12.17	0.02%	o-Cymene	Monoterpene
21	12.38	0.25%	para-Cymene	Monoterpene
22	12.59	0.23%	Limonene	Monoterpene
23	12.69	0.47%	1,8-Cineole	Monoterpene Ether
24	12.98	3.14%	(Z)-beta-Ocimene	Monoterpene
25	13.44	1.72%	(E)-beta-Ocimene	Monoterpene
26	13.92	0.14%	gamma-Terpinene	Monoterpene
27	14.47	0.75%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
28	14.58	0.02%	1-Octanol	Aliphatic Alcohol
29	14.70	0.03%	Bergamal	Aliphatic Aldehyde
30	15.21	0.46%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
31	15.45	0.03%	6,7-Epoxyterpinene	Monoterpene Ether
32	15.69	0.02%	alpha-Pinene oxide	Monoterpene Ether
33	15.99	26.13%	Linalool	Monoterpenol
34	16.06	0.12%	Hotrienol	Monoterpenol
35	16.17	0.06%	Hexyl propanoate	Monoterpene Ester

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Essential Validation Services

8/25/2020

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Number	RT	Area %	Compound Name	Chemical Family
36	16.301	1.82%	1-Octenyl-3 acetate	Monoterpene Ester
37	16.47	0.03%	Heptyl acetate	Monoterpene Ester
38	16.85	0.11%	Octan-3-yl acetate	Aliphatic Ester
39	16.94	0.01%	cis-para-Menth-2-en-1-ol	Monoterpenol
40	17.19	0.62%	Alloocimene	Monoterpene
41	17.70	0.04%	12.72 Epoxy-ocimene<Z->	0.00
42	17.90	0.17%	Camphor	Monoterpene Ketone
43	18.12	0.12%	Hexyl isobutyrate	Monoterpene Ester
44	18.25	0.03%	Nerol oxide	Monoterpene Ether
45	18.47	0.02%	Isopulegol	Monoterpenol
46	18.84	1.02%	Lavandulol	Monoterpenol
47	19.10	0.55%	Borneol	Monoterpenol
48	19.31	0.07%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
49	19.39	0.03%	13.91 Pentyl cyclohexa-1,3-diene	0.00
50	19.55	6.72%	Terpinen-4-ol	Monoterpenol
51	19.76	0.07%	Cryptone	Monoterpene Ketone
52	19.83	0.05%	para-Cymen-8-ol	Monoterpenol
53	19.99	0.01%	(Z)-3-Hexenyl butyrate	Aliphatic Ester
54	20.19	1.32%	alpha-Terpineol	Monoterpenol
55	21.04	0.03%	Octyl acetate	Aliphatic Ester
56	21.32	0.02%	trans-Carveol	Monoterpenol
57	21.62	0.13%	Nerol	Monoterpenol
58	21.71	0.02%	Bornyl formate	Monoterpene Ester
59	22.18	0.02%	Hexyl 2-methyl butanoate	Monoterpene Ester
60	22.30	0.02%	Cuminal	Monoterpene Aldehyde
61	22.92	36.16%	Linalyl acetate	Monoterpene Ester
62	23.82	0.03%	19.05 Isopulegyl acetate<neo->	Monoterpene Ester
63	24.26	0.16%	Bornyl acetate	Monoterpene Ester
64	24.36	5.27%	Lavandulyl acetate	Monoterpene Ester
65	26.32	0.04%	Hexyl tiglate	Monoterpene Ester
66	26.94	0.21%	21.36 Dihydro carveol acetate<iso->	0.00
67	27.08	0.17%	22.30 Carvomenthyl acetate<neoiso->	0.00
68	27.58	0.38%	Neryl acetate	Monoterpene Ester
69	28.43	0.63%	Geranyl acetate	Monoterpene Ester
70	28.54	0.02%	beta-Bourbonene	Sesquiterpene
71	28.79	0.10%	Hexyl hexanoate	Aliphatic Ester

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