

Client



Source



Lavender Mailette (Lavandula angustifolia)

FR-59421 - France

Sample

Lavender Mailette (Lavandula angustifolia)

Identification #: FR-59421

Type:..... Essential Oil

CAS Number:... 8000-28-0

Nature's Gift

Properties

Country Of Origin | France

Specific Gravity | NT

Refractive Index | NT

Primary

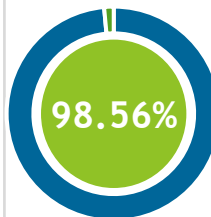
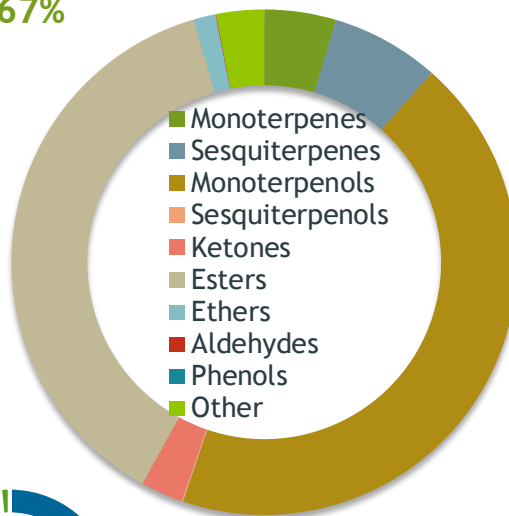
**36.82%** | Linalool

**31.05%** | Linalyl acetate

**4.12%** | beta-Caryophyllene

Monoterpenols

43.67%



Percentage Identified

Result



12/9/2024

Conclusion

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

Internal Number: | EVS-6442



Essential Validation Services

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

317.361.5044 |

<https://essentialvalidationservices.com/>

*Alan Christen*

Monoterpenes	4.58%
Sesquiterpenes	6.95%
Monoterpenols	43.67%
Sesquiterpenols	0.09%
Ketones	2.70%
Esters	37.48%
Ethers	1.42%
Aldehydes	0.04%
Phenols	0.00%
Other	3.05%

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Total Percentage		98.56%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.90	0.02%	2.97 Methyl-2-butenal<3->	0.00
2	4.22	0.01%	Hexanal	Aliphatic Aldehyde
3	4.53	0.02%	Butyl acetate	Aliphatic Ester
4	4.82	0.15%	Methyl hexyl ether	Aliphatic Ether
5	5.57	0.01%	(E)-2-Hexenal	Aliphatic Aldehyde
6	5.62	0.15%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
7	5.94	0.01%	(E)-2-Hexenol	Aliphatic Alcohol
8	6.04	0.29%	1-Hexanol	Aliphatic Alcohol
9	7.75	0.03%	Tricyclene	Monoterpene
10	7.92	0.02%	alpha-Thujene	Monoterpene
11	8.17	0.16%	alpha-Pinene	Monoterpene
12	8.77	0.38%	Camphene	Monoterpene
13	8.97	0.01%	Isobutyl butyrate	Aliphatic Ester
14	9.72	0.03%	Sabinene	Monoterpene
15	9.88	0.10%	beta-Pinene	Monoterpene
16	10.13	0.67%	1-Octen-3-ol	Aliphatic Alcohol
17	10.30	1.86%	Octan-3-one	Aliphatic Ketone
18	10.46	0.67%	Myrcene	Monoterpene
19	10.75	0.17%	Butyl butyrate	Aliphatic Ester
20	10.83	0.44%	3-Octanol	Aliphatic Alcohol
21	11.21	0.17%	delta-3-Carene	Monoterpene
22	11.46	0.57%	Hexyl acetate	Aliphatic Ester
23	11.91	0.24%	para-Cymene	Monoterpene
24	12.11	0.24%	Limonene	Monoterpene
25	12.20	0.20%	1,8-Cineole	Monoterpene Ether
26	12.50	1.19%	(Z)-beta-Ocimene	Monoterpene
27	12.95	1.05%	(E)-beta-Ocimene	Monoterpene
28	13.42	0.01%	gamma-Terpinene	Monoterpene
29	13.99	1.08%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
30	14.21	0.05%	1-Octanol	Aliphatic Alcohol
31	14.72	0.85%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
32	15.18	0.01%	alpha-Pinene oxide	Monoterpene Ether
33	15.71	36.82%	Linalool	Monoterpenol
34	15.86	1.01%	1-Octenyl-3 acetate	Monoterpene Ester
35	16.01	0.03%	Heptyl acetate	Monoterpene Ester

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Number	RT	Area %	Compound Name	Chemical Family
36	16.36	0.12%	Octan-3-yl acetate	Monoterpene Ester
37	16.69	0.24%	Alloocimene	Monoterpene
38	17.03	0.01%	Nopinone	Monoterpene Ketone
39	17.20	0.05%	(Z)-Epoxy-ocimene	Monoterpene
40	17.39	0.73%	Camphor	Monoterpene Ketone
41	17.60	0.14%	Hexyl isobutyrate	Monoterpene Ester
42	17.74	0.03%	Nerol oxide	Monoterpene Ether
43	18.24	0.02%	para-Mentha-1,5-dien-8-ol	Monoterpenol
44	18.35	0.27%	Lavandulol	Monoterpenol
45	18.63	2.59%	Borneol	Monoterpenol
46	18.83	0.13%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
47	19.01	0.59%	Terpinen-4-ol	Monoterpenol
48	19.12	0.20%	para-Cymen-8-ol	Monoterpenol
49	19.24	0.05%	Cryptone	Monoterpene Ketone
50	19.63	1.10%	Hexyl butyrate	Aliphatic Ester
51	19.72	0.87%	alpha-Terpineol	Monoterpenol
52	20.17	0.02%	Verbenone	Monoterpene Ketone
53	21.13	0.25%	Nerol	Monoterpenol
54	21.61	0.10%	Hexyl 2-methyl butanoate	Monoterpene Ester
55	21.78	0.01%	Cuminal	Monoterpene Aldehyde
56	21.87	0.03%	Carvone	Monoterpene Ketone
57	22.46	31.05%	Linalyl acetate	Monoterpene Ester
58	23.03	0.01%	Geranial	Monoterpene Aldehyde
59	23.67	0.12%	Bornyl acetate	Monoterpene Ester
60	23.78	1.22%	Lavandulyl acetate	Monoterpene Ester
61	25.74	0.10%	Hexyl tiglate	Monoterpene Ester
62	27.00	0.51%	Neryl acetate	Monoterpene Ester
63	27.57	0.02%	alpha-Cubebene	Sesquiterpene
64	27.85	0.90%	Geranyl acetate	Monoterpene Ester
65	28.17	0.23%	Hexyl hexanoate	Aliphatic Ester
66	28.81	0.04%	7-epi-Sesquithujene	Sesquiterpene
67	29.21	0.09%	cis-alpha-Bergamotene	Sesquiterpene
68	29.40	4.12%	beta-Caryophyllene	Sesquiterpene
69	29.84	0.01%	beta-Copaene	Sesquiterpene
70	30.03	0.31%	trans-alpha-Bergamotene	Sesquiterpene

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72	30.57	0.05%	epi-beta-Santalene	Sesquiterpene
73	30.93	1.91%	(E)-beta-Farnesene	Sesquiterpene
74	31.90	0.12%	Germacrene D	Sesquiterpene
75	32.07	0.09%	Zingiberene	Sesquiterpene
76	32.93	0.01%	Lavandulyl 2-methylbutyrate	Monoterpene Ester
77	33.08	0.05%	beta-Bisabolene	Sesquiterpene
78	33.22	0.09%	gamma-Cadinene	Sesquiterpene
79	33.69	0.02%	beta-Sesquiphellandrene	Sesquiterpene
80	34.63	0.07%	cis-Sesquisabinene hydrate	Monoterpene Ester
81	35.20	0.02%	(E)-Nerolidol	Sesquiterpenol
82	35.82	1.01%	Caryophyllene oxide	Sesquiterpene Ether
83	36.87	0.02%	Humulene epoxide II	Sesquiterpene Ether
84	38.16	0.05%	T-Cadinol	Sesquiterpenol
85	39.80	0.02%	alpha-Bisabolol	Sesquiterpenol

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