



Lavender Maillette Lavandula angustifolia

Batch No. #FR-59163
France

Monoterpenes 3.3%

(Z)- β -ocimene	0.87
(E)- β -ocimene	0.70
myrcene	0.60
camphene	0.29
allo-ocimene	0.14
limonene	0.13
para cymene	0.13
α pinene	0.12
δ 3-carene	0.09
o-cymene	0.08
β pinene	0.07
pseudolimonene	0.03
tricyclene	0.02
α thujene	0.01
2-carene	0.01
γ terpinene	0.01

Monoterpenols 45.85%

linalool	42.51
borneol	1.68
cis-linalol oxide (5)	0.51
trans-linalol oxide (5)	0.41
nerol	0.17
terpinen-4-ol	0.15
hotrienol	0.13
para-cymen-8-ol	0.12
lavandulol	0.07
cis-linalol oxide (6)	0.07
para-mentha-1,5-dien-8-ol	0.02
trans-carveol	0.01

Esters 41.49%

linalyl acetate	36.87
hexyl butanoate	1.26
1-octenyl-3 acetate	0.66
geranyl acetate	0.62
hexyl acetate	0.58
lavandulyl acetate	0.40
neryl acetate	0.31
hexyl hexanoate	0.15
butyl butyrate	0.13
hexyl isobutyrate	0.09
octan-3-yl acetate	0.09
bomyl acetate	0.07
hexyl 2-methyl butanoate	0.05
hexyl propanoate	0.05
hexyl tiglate	0.05
italicene epoxide	0.03
(Z)-3-hexenyl butyrate	0.02
butyl acetate	0.02
octyl acetate	0.02
isobutyl butyrate	0.01
isopropyl tiglate	0.01

Aldehydes 0.01%

hexanal	0.01
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Ketones 2.02%

octan-3-one	1.49
camphor	0.50
camphenilone	0.02
verbenone	0.01

Sesquiterpenes 4.94%

β caryophyllene	2.91
(E) β farnesene	1.61
(E) α -bergamotene	0.14
germacrene D	0.13
(Z) α bergamotene	0.05
γ cadinene	0.03
epi β santalene	0.02
β bisabolene	0.02
β sesquiphellandrene	0.01
7-epi-sesquithujene	0.01
(Z) β farnesene	0.01

Ethers 0.19%

methyl hexyl ether	0.14
1,8 cineole	0.03
nerol oxide	0.02

Other 0.87%

1 octen-3-ol	0.39
3-octanol	0.28
1 hexanol	0.12
(Z) hex-3-en-1-ol	0.04
coumarin	0.02
1-octanol	0.02

Client



Source



Lavender Mailette (*Lavandula angustifolia*)
FR-59163

Sample

Lavender Mailette (*Lavandula angustifolia*)
Batch #:..... FR-59163
Type:..... Essential Oil
CAS Number:... 8000-28-0
Nature's Gift

Client



Website

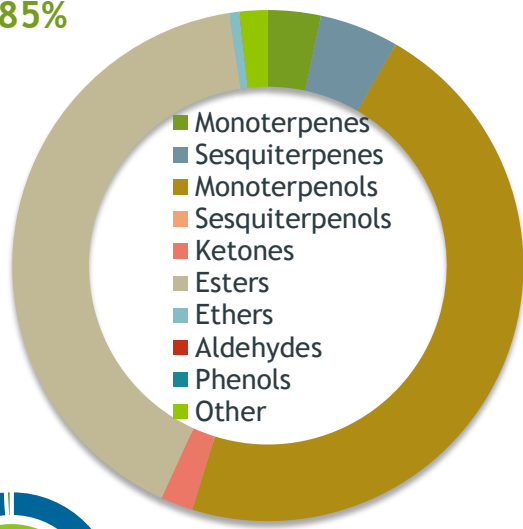


Primary

42.51% | Linalool
36.87% | Linalyl acetate
2.91% | beta-Caryophyllene

Monoterpenols

45.85%



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 Mailette (*Lavandula angustifolia*)

Internal Number: | EVS-4282



Essential Validation Services

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

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

Alan Christen

Monoterpenes	3	3.30%
Sesquiterpenes	4	4.94%
Monoterpenols	45.85%	45.85%
Sesquiterpenols		0.00%
Ketones		2.02%
Esters	40.23%	40.23%
Ethers		0.64%
Aldehydes		0.01%
Phenols		0.00%
Other		1.75%

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Client



Source

Lavender Mailette (*Lavandula angustifolia*)

FR-59163

Total Percentage		99.12%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.23	0.01%	Hexanal	Aliphatic Aldehyde
2	4.53	0.02%	Butyl acetate	Aliphatic Ester
3	4.82	0.14%	Methyl hexyl ether	Aliphatic Ether
4	5.63	0.04%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
5	6.04	0.12%	1-Hexanol	Aliphatic Alcohol
6	7.76	0.02%	Tricyclene	Monoterpene
7	7.94	0.01%	alpha-Thujene	Monoterpene
8	8.18	0.12%	alpha-Pinene	Monoterpene
9	8.79	0.29%	Camphene	Monoterpene
10	8.99	0.01%	Isobutyl butyrate	Aliphatic Ester
11	9.59	0.01%	Isopropyl tiglate	Aliphatic Ester
12	9.90	0.07%	beta-Pinene	Monoterpene
13	10.11	0.39%	1-Octen-3-ol	Aliphatic Alcohol
14	10.30	1.49%	Octan-3-one	Aliphatic Ketone
15	10.48	0.60%	Myrcene	Monoterpene
16	10.77	0.13%	Butyl butyrate	Aliphatic Ester
17	10.82	0.28%	3-Octanol	Aliphatic Alcohol
18	11.12	0.03%	Pseudolimonene	Monoterpene
19	11.23	0.09%	delta-3-Carene	Monoterpene
20	11.48	0.58%	Hexyl acetate	Aliphatic Ester
21	11.59	0.01%	2-Carene	Monoterpene
22	11.72	0.08%	o-Cymene	Monoterpene
23	11.92	0.13%	para-Cymene	Monoterpene
24	12.13	0.13%	Limonene	Monoterpene
25	12.24	0.03%	1,8-Cineole	Monoterpene Ether
26	12.51	0.87%	(Z)-beta-Ocimene	Monoterpene
27	12.97	0.70%	(E)-beta-Ocimene	Monoterpene
28	13.44	0.01%	gamma-Terpinene	Monoterpene
29	14.00	0.51%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
30	14.14	0.02%	1-Octanol	Aliphatic Alcohol
31	14.52	0.02%	Camphenilone	Monoterpene Ketone
32	14.74	0.41%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
33	15.56	42.51%	Linalool	Monoterpenol
34	15.62	0.13%	Hotrienol	Monoterpenol
35	15.70	0.05%	Hexyl propanoate	Monoterpene Ester

Client



Source

Lavender Mailette (*Lavandula angustifolia*)

FR-59163

Number	RT	Area %	Compound Name	Chemical Family
36	15.832	0.66%	1-Octenyl-3 acetate	Monoterpene Ester
37	16.38	0.09%	Octan-3-yl acetate	Aliphatic Ester
38	16.70	0.14%	Alloocimene	Monoterpene
39	17.39	0.50%	Camphor	Monoterpene Ketone
40	17.64	0.09%	Hexyl isobutyrate	Monoterpene Ester
41	17.76	0.02%	Nerol oxide	Monoterpene Ether
42	18.21	0.02%	para-Mentha-1,5-dien-8-ol	Monoterpenol
43	18.34	0.07%	Lavandulol	Monoterpenol
44	18.59	1.68%	Borneol	Monoterpenol
45	18.81	0.07%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
46	19.01	0.15%	Terpinen-4-ol	Monoterpenol
47	19.07	0.12%	para-Cymen-8-ol	Monoterpenol
48	19.50	0.02%	(Z)-3-Hexenyl butyrate	Aliphatic Ester
49	19.68	1.26%	15.40 Hexyl butanoate	0.00
50	20.19	0.01%	Verbenone	Monoterpene Ketone
51	20.54	0.02%	Octyl acetate	Aliphatic Ester
52	20.82	0.01%	trans-Carveol	Monoterpenol
53	21.11	0.17%	Nerol	Monoterpenol
54	21.67	0.05%	Hexyl 2-methyl butanoate	Monoterpene Ester
55	22.40	36.87%	Linalyl acetate	Monoterpene Ester
56	23.72	0.07%	Bornyl acetate	Monoterpene Ester
57	23.83	0.40%	Lavandulyl acetate	Monoterpene Ester
58	25.80	0.05%	Hexyl tiglate	Monoterpene Ester
59	27.07	0.31%	Neryl acetate	Monoterpene Ester
60	27.91	0.62%	Geranyl acetate	Monoterpene Ester
61	28.25	0.15%	Hexyl hexanoate	Aliphatic Ester
62	28.90	0.01%	7-epi-Sesquithujene	Sesquiterpene
63	29.30	0.05%	cis-alpha-Bergamotene	Sesquiterpene
64	29.46	2.91%	beta-Caryophyllene	Sesquiterpene
65	29.97	0.02%	Coumarin	Coumarin
66	30.12	0.14%	trans-alpha-Bergamotene	Sesquiterpene
67	30.44	0.01%	(Z)-beta-Farnesene	Sesquiterpene
68	30.66	0.02%	epi-beta-Santalene	Sesquiterpene
69	31.02	1.61%	(E)-beta-Farnesene	Sesquiterpene
70	31.98	0.13%	Germacrene D	Sesquiterpene
71	33.18	0.02%	beta-Bisabolene	Sesquiterpene

