



## Lavender Avice Hill *Lavandula angustifolia*

Batch No. #US-59178  
United States

### Monoterpenes 10.16%

(Z)- $\beta$ -ocimene	4.15
(E)- $\beta$ ocimene	2.98
myrcene	0.91
allo-ocimene	0.90
limonene	0.29
terpinolene	0.18
para cymene	0.13
$\alpha$ pinene	0.12
$\gamma$ terpinene	0.09
$\delta$ -3-carene	0.07
ortho-cymene	0.07
$\beta$ pinene	0.06
camphene	0.05
$\alpha$ thujene	0.05
$\alpha$ terpinene	0.04
$\alpha$ phellandrene	0.04
sabinene	0.03

### Monoterpenols 36.39%

linalol	28.75
$\alpha$ terpineol	2.66
terpinen-4-ol	2.05
lavandulol	1.62
borneol	0.71
nerol	0.45
cis-linalool oxide (5)(furanoid)	0.06
para-cymen-8-ol	0.06
hotrienol	0.01
trans-pinocarveol	0.01
para-menth-1,5-dien-8-ol	0.01

### Aldehydes

cuminal	0.01
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### Esters 36.52%

linalyl acetate	20.90
lavandulyl acetate	9.06
1-octenyl-3 acetate	2.61
geranyl acetate	1.71
neryl acetate	0.93
hexyl acetate	0.59
Octan-3-yl acetate	0.19
butyl-butyrate	0.17
isopulegyl acetate	0.07
hexyl isobutyrate	0.06
hexyl tiglate	0.05
heptyl acetate	0.03
octyl acetate	0.02
hexyl 2-methyl butanoate	0.02
isopropyl tiglate	0.02
$\alpha$ terpinyl acetate	0.02
(Z) sesquiphellandrene hydrate	0.02
nerolidyl acetate	0.01
hexyl propanoate	0.01
isobutyl butyrate	0.01
(Z) para-menth-2-en-1-ol	0.01
isobornyl acetate	0.01

### Ethers 1.23%

1,8 cineole	0.68
caryophyllene oxide	0.51
methyl hexyl ether	0.04
nerol oxide	0.02
humulene epoxide II	0.02

### Ketones 0.82%

octan-3-one	0.69
camphor	0.13
cryptone	0.03
verbenone	0.01
carvone	0.01

### Sesquiterpenes 11.42%

$\beta$ caryophyllene	6.35
(E) $\beta$ farnesene	3.16
$\gamma$ cadinene	0.60
germacrene D	0.59
$\alpha$ humulene	0.2
$\alpha$ -trans-bergamotene	0.19
$\beta$ gurjunene	0.1
$\alpha$ -cis-bergamotene	0.09
$\alpha$ zingiberene	0.08
cis-muurola-4(14),5-diene	0.06
$\beta$ bisabolene	0.04
epi- $\beta$ -santalene	0.04
7-epi-sesquithujene	0.03
(Z) $\beta$ farnesene	0.02
germacrene A	0.02
$\alpha$ cubebene	0.01
longicyclene	0.01
bicyclogermacrene	0.01
(E,E) $\alpha$ farnesene	0.01
$\beta$ sesquiphellandrene	0.01
cadalene	0.02

### Sesquiterpenols 1.33%

t-cadinol	1.21
1, 10 di-epi cubenol	0.12
(E) nerolidol	0.03
globulol	0.01
$\tau$ muurolol	0.04
himachalol	0.01
$\alpha$ bisabolol	0.01

### Other 0.52%

1-octan-3-ol	0.37
1 hexanol	0.02
3-octanol	0.13
octane + butyl acetate	0.03
coumarin	0.01
isobicyclogermacrenal	0.05

Client



Source



Lavender Avice Hill (*Lavandula angustifolia* var *Avice Hill*)  
US-59178

Sample

Lavender Avice Hill (*Lavandula angustifolia*)  
Batch #:..... US-59178  
Type:..... Essential Oil  
CAS Number:.....  
Nature's Gift

Client



Website

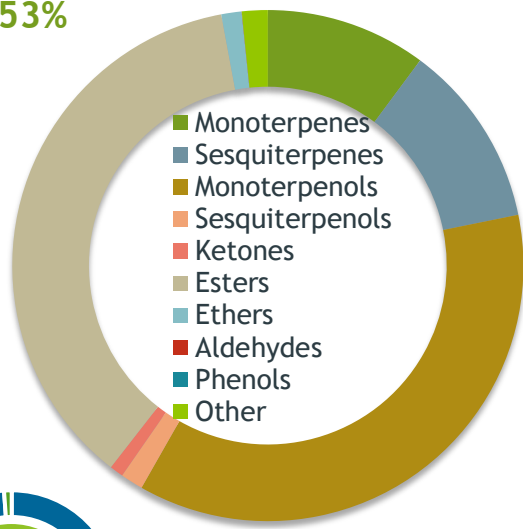


Primary

28.75% | Linalool  
20.90% | Linalyl acetate  
9.06% | Lavandulyl acetate

Esters

36.53%



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 Avice Hill (*Lavandula angustifolia* var *Avice Hill*)

Internal Number: | EVS-4412



Essential Validation Services

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

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

*Alan Christen*

Monoterpenes	10.16%	10.16%
Sesquiterpenes	11.64%	11.64%
Monoterpenols	36.40%	36.40%
Sesquiterpenols		1.43%
Ketones		0.87%
Esters	36.53%	36.53%
Ethers		1.28%
Aldehydes		0.01%
Phenols		0.00%
Other		1.63%

ESSENTIAL VALIDATION SERVICES | 747 SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

- 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



Source



*Lavender Avice Hill (Lavandula angustifolia  
var Avice Hill)*  
US-59178

Total Percentage		98.85%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.18	Co-Eluting	Octane	Alkane
2	4.53	0.03%	Butyl acetate	Aliphatic Ester
3	4.83	0.04%	Methyl hexyl ether	Aliphatic Ether
4	6.06	0.02%	1-Hexanol	Aliphatic Alcohol
5	7.93	0.05%	alpha-Thujene	Monoterpene
6	8.18	0.12%	alpha-Pinene	Monoterpene
7	8.78	0.05%	Camphene	Monoterpene
8	8.99	0.01%	Isobutyl butyrate	Aliphatic Ester
9	9.59	0.02%	Isopropyl tiglate	Aliphatic Ester
10	9.73	0.03%	Sabinene	Monoterpene
11	9.89	0.06%	beta-Pinene	Monoterpene
12	10.10	0.37%	1-Octen-3-ol	Aliphatic Alcohol
13	10.30	0.69%	Octan-3-one	Aliphatic Ketone
14	10.48	0.91%	Myrcene	Monoterpene
15	10.77	0.17%	Butyl butyrate	Aliphatic Ester
16	10.82	0.13%	3-Octanol	Aliphatic Alcohol
17	11.12	0.04%	alpha-Phellandrene	Monoterpene
18	11.22	0.07%	delta-3-Carene	Monoterpene
19	11.48	0.59%	Hexyl acetate	Aliphatic Ester
20	11.59	0.04%	alpha-Terpinene	Monoterpene
21	11.72	0.07%	o-Cymene	Monoterpene
22	11.92	0.13%	para-Cymene	Monoterpene
23	12.13	0.29%	Limonene	Monoterpene
24	12.23	0.68%	1,8-Cineole	Monoterpene Ether
25	12.52	4.15%	(Z)-beta-Ocimene	Monoterpene
26	12.98	2.98%	(E)-beta-Ocimene	Monoterpene
27	13.44	0.09%	gamma-Terpinene	Monoterpene
28	13.99	0.06%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
29	14.67	0.18%	Terpinolene	Monoterpene
30	15.56	28.75%	Linalool	Monoterpenol
31	15.62	0.01%	Hotrienol	Monoterpenol
32	15.70	0.01%	Hexyl propanoate	Monoterpene Ester
33	15.84	2.61%	1-Octenyl-3 acetate	Monoterpene Ester
34	16.00	0.03%	Heptyl acetate	Monoterpene Ester
35	16.37	0.19%	Octan-3-yl acetate	Aliphatic Ester

Client



Source



Lavender Avice Hill (*Lavandula angustifolia*  
var *Avice Hill*)  
US-59178

Number	RT	Area %	Compound Name	Chemical Family
36	16.462	0.01%	cis-para-Menth-2-en-1-ol	Aliphatic Ester
37	16.70	0.90%	Alloocimene	Monoterpene
38	17.14	0.01%	trans-Pinocarveol	Monoterpenol
39	17.39	0.13%	Camphor	Monoterpene Ketone
40	17.63	0.06%	Hexyl isobutyrate	Monoterpene Ester
41	17.75	0.02%	Nerol oxide	Monoterpene Ether
42	18.21	0.01%	para-Mentha-1,5-dien-8-ol	Monoterpenol
43	18.35	1.62%	Lavandulol	Monoterpenol
44	18.58	0.71%	Borneol	Monoterpenol
45	19.01	2.05%	Terpinen-4-ol	Monoterpenol
46	19.26	0.03%	Cryptone	Monoterpene Ketone
47	19.34	0.06%	para-Cymen-8-ol	Monoterpenol
48	19.70	2.66%	alpha-Terpineol	Monoterpenol
49	20.53	0.02%	Octyl acetate	Aliphatic Ester
50	20.81	0.01%	Verbenone	Monoterpene Ketone
51	21.11	0.45%	Nerol	Monoterpenol
52	21.66	0.02%	Hexyl 2-methyl butanoate	Monoterpene Ester
53	21.78	0.01%	Cuminal	Monoterpene Aldehyde
54	21.88	0.01%	Carvone	Monoterpene Ketone
55	22.38	20.90%	Linalyl acetate	Monoterpene Ester
56	23.30	0.07%	Isopulegyl acetate	Monoterpene Ester
57	23.69	0.01%	Isobornyl acetate	Monoterpene Ether
58	23.88	9.06%	Lavandulyl acetate	Monoterpene Ester
59	25.80	0.05%	Hexyl tiglate	Monoterpene Ester
60	26.46	0.02%	alpha-Terpinyl acetate	Monoterpene Ester
61	27.06	0.93%	Neryl acetate	Monoterpene Ester
62	27.64	0.01%	alpha-Cubebene	Sesquiterpene
63	27.76	0.01%	Longicyclene	Sesquiterpene
64	27.91	1.71%	Geranyl acetate	Monoterpene Ester
65	28.90	0.03%	7-epi-Sesquithujene	Sesquiterpene
66	29.29	0.09%	cis-alpha-Bergamotene	Sesquiterpene
67	29.48	6.35%	beta-Caryophyllene	Sesquiterpene
68	29.97	0.01%	Coumarin	Coumarin
69	30.12	0.19%	trans-alpha-Bergamotene	Sesquiterpene
70	30.43	0.02%	(Z)-beta-Farnesene	Sesquiterpene
71	30.55	0.10%	beta-Gurjunene	Sesquiterpene

