

Client



Source



Lavender Population (*Lavandula angustifolia*)
FR-58959

Sample

Lavender Population (*Lavandula*)
Batch #:..... FR-58959
Type:..... Essential Oil
CAS Number:... 8000-28-0
Nature's Gift

Client



Website

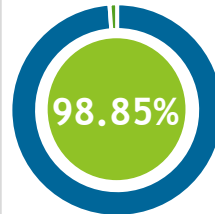
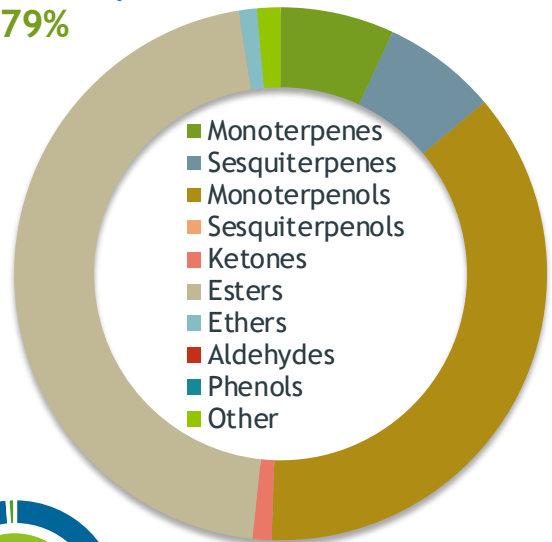


Primary

37.96% | Linalyl acetate
31.40% | Linalool
4.45% | beta-Caryophyllene

Esters

45.79%



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 Population (*Lavandula angustifolia*)

Internal Number: | EVS-3129



Essential Validation Services

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

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

Monoterpenes	6.9	6.91%
Sesquiterpenes	6.9	6.95%
Monoterpenols	36.68%	36.68%
Sesquiterpenols		0.00%
Ketones		1.15%
Esters	45.79%	45.79%
Ethers		1.10%
Aldehydes		0.00%
Phenols		0.00%
Other		1.42%

Client



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Total Percentage		98.85%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	7.95	0.07%	Methyl hexyl ether	822.00	Aliphatic Ether
2	11.73	0.06%	alpha-Thujene	927.80	Monoterpene
3	11.99	0.15%	alpha-Pinene	936.10	Monoterpene
4	12.58	0.16%	Camphene	950.30	Monoterpene
5	13.64	0.02%	Sabinene	973.00	Monoterpene
6	13.74	0.07%	beta-Pinene	974.00	Monoterpene
7	13.91	0.27%	1-Octen-3-ol	980.00	Aliphatic Alcohol
8	14.15	0.83%	Octan-3-one	981.00	Aliphatic Ketone
9	14.37	0.75%	Myrcene	989.20	Monoterpene
10	14.56	0.21%	Butyl butyrate	993.00	Aliphatic Ester
11	15.13	0.06%	delta-3-Carene	1008.00	Monoterpene
12	15.27	0.38%	Hexyl acetate	1009.00	Aliphatic Ester
13	15.40	0.05%	alpha-Terpinene	1014.00	Monoterpene
14	15.61	0.04%	ortho-Cymene	1021.33	Monoterpene
15	15.72	0.13%	para-Cymene	1024.30	Monoterpene
16	15.90	0.30%	Limonene	1029.50	Monoterpene
17	15.98	0.64%	1,8-Cineole	1031.80	Monoterpene Ether
18	16.28	2.39%	(Z)-beta-Ocimene	1037.80	Monoterpene
19	16.71	2.53%	(E)-beta-Ocimene	1047.70	Monoterpene
20	17.14	0.08%	gamma-Terpinene	1054.00	Monoterpene
21	17.49	0.03%	trans-Sabinene hydrate	1072.00	Monoterpenol
22	17.69	0.28%	cis-Linalool oxide (5) (furanoid)	1075.10	Monoterpenol
23	18.33	0.26%	trans-Linalool oxide (5) (furanoid)	1092.20	Monoterpenol
24	18.92	31.40%	Linalool	1099.00	Monoterpenol
25	19.25	0.98%	1-Octenyl-3 acetate	1107.00	Monoterpene Ester
26	19.73	0.08%	Octan-3-yl acetate	1124.00	Aliphatic Ester
27	19.95	0.12%	Alloocimene	1129.90	Monoterpene
28	20.54	0.32%	Camphor	1147.55	Monoterpene Ketone
29	21.41	1.63%	Borneol	1168.71	Monoterpenol
30	21.42	Co-Eluting	Lavandulol	1161.50	Monoterpenol
31	21.83	2.92%	Terpinen-4-ol	1180.57	Monoterpenol
32	22.13	0.16%	para-Cymen-8-ol	1185.25	Monoterpenol
33	22.30	0.95%	Hexyl butyrate	1186.80	Aliphatic Ester
34	23.69	0.08%	Bornyl formate	1227.00	Monoterpene Ester
35	24.71	37.96%	Linalyl acetate	1263.80	Monoterpene Ester

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