

Client



Source



Lavender, Spike (*Lavandula latifolia*)  
SP-58853

Sample

Lavender, Spike (*Lavandula latifolia*)

Batch #:..... SP-58853

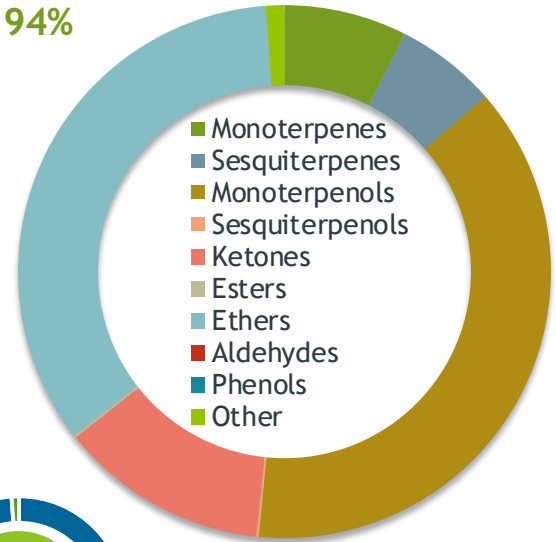
Type:..... Essential Oil

CAS Number:... 8016-78-2

Nature's Gift

Monoterpenols

37.94%



Percentage Identified

Client



Website



Primary

34.93%

Linalool

34.16%

1,8-Cineole (Co-Eluting)

12.61%

Camphor

Result



Conclusion

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

Internal Number: | EVS-2637



Essential Validation Services

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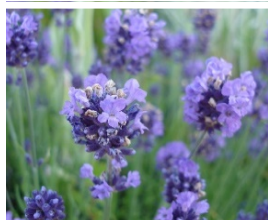
*Adam Christen*

Monoterpenes	7.47%	7.47%
Sesquiterpenes	6.13%	6.13%
Monoterpenols	37.94%	37.94%
Sesquiterpenols	0.16%	0.16%
Ketones	12.61%	12.61%
Esters	0.16%	0.16%
Ethers	34.42%	34.42%
Aldehydes	0.00%	0.00%
Phenols	0.00%	0.00%
Other	1.11%	1.11%

Client



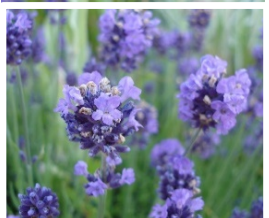
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Total Percentage		98.89%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	11.62	0.03%	Tricyclene	923.00	Monoterpene
2	12.12	2.40%	alpha-Pinene	936.10	Monoterpene
3	12.72	0.57%	Camphene	950.30	Monoterpene
4	13.78	0.45%	Sabinene	973.00	Monoterpene
5	13.89	2.52%	beta-Pinene	974.00	Monoterpene
6	14.51	0.36%	Myrcene	989.20	Monoterpene
7	15.57	0.07%	alpha-Terpinene	1014.00	Monoterpene
8	15.95	0.34%	para-Cymene	1024.30	Monoterpene
9	16.25	34.16%	1,8-Cineole	1031.80	Monoterpene Ether
10	16.26	Co-Eluting	Limonene	1029.50	Monoterpene
11	16.46	0.14%	(Z)-beta-Ocimene	1037.80	Monoterpene
12	17.32	0.10%	(E)-beta-Ocimene	1047.70	Monoterpene
13	17.66	0.20%	gamma-Terpinene	1054.00	Monoterpene
14	18.51	0.25%	Terpinolene	1092.10	Monoterpene
15	19.19	34.93%	Linalool	1099.00	Monoterpenol
16	20.06	0.04%	Alloocimene	1129.90	Monoterpene
17	20.85	12.61%	Camphor	1147.55	Monoterpene Ketone
18	21.64	1.38%	Borneol	1168.71	Monoterpenol
19	22.07	0.35%	Terpinen-4-ol	1180.57	Monoterpenol
20	22.58	1.18%	alpha-Terpineol	1191.71	Monoterpenol
21	24.14	0.10%	Nerol	1230.67	Monoterpenol
22	24.81	0.05%	Linalyl acetate	1263.80	Monoterpene Ester
23	25.98	0.02%	Lavandulyl acetate	1285.00	Monoterpene Ester
24	29.16	0.01%	Neryl acetate	1362.90	Monoterpene Ester
25	29.26	0.08%	Geranyl acetate	1379.20	Monoterpene Ester
26	29.49	0.17%	beta-Elemene	1389.20	Sesquiterpene
27	30.62	2.43%	beta-Caryophyllene	1427.14	Sesquiterpene
28	31.02	0.14%	(Z)-beta-Farnesene	1453.40	Sesquiterpene
29	31.58	0.18%	(E)-beta-Farnesene	1456.29	Sesquiterpene
30	32.56	0.78%	Germacrene D	1484.71	Sesquiterpene
31	33.14	0.19%	(Z,E)-alpha-Farnesene	1500.50	Sesquiterpene
32	33.28	0.18%	(E,E)-alpha-Farnesene	1508.14	Sesquiterpene
33	33.55	0.26%	gamma-Cadinene	1515.29	Sesquiterpene
34	33.79	0.06%	delta-Cadinene	1524.14	Sesquiterpene
35	34.28	1.74%	trans-gamma-Bisabolene	1535.65	Sesquiterpene

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



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Number	RT	Area %	Compound Name	RI	Chemical Family
36	35.65	0.26%	Caryophyllene oxide	1594.86	Sesquiterpene
37	37.26	0.16%	T-Cadinol	1640.43	Sesquiterpenol

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