

Client



Source



Lavender, English (Lavandula angustifolia)

UK-59371 - England

Sample

Lavender, English (Lavandula angustifolia)

Identification #: UK-59371

Type:..... Essential Oil

CAS Number:... 8000-28-0

Nature's Gift

Properties

Country Of Origin | England

Specific Gravity | NT

Refractive Index | NT

Primary

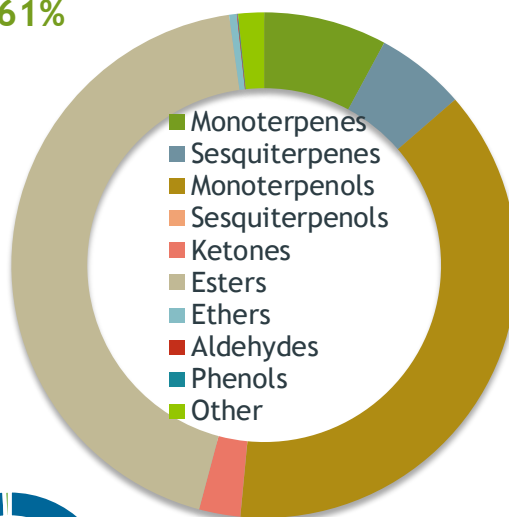
36.84% | Linalyl acetate

28.64% | Linalool

3.64% | beta-Caryophyllene

Esters

43.61%



Percentage Identified

Result



1/3/2024

Conclusion

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

Internal Number: | EVS-5991



Essential Validation Services

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

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

Alan Christen

Monoterpenes	7.88	7.88%
Sesquiterpenes	5.7	5.75%
Monoterpenols	37.85%	37.85
Sesquiterpenols		0.01%
Ketones	2.63	2.63%
Esters	43.61%	43.61
Ethers		0.49%
Aldehydes		0.04%
Phenols		0.04%
Other		1.65%

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Total Percentage		99.20%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.67	0.04%	Toluene	Simple Phenolic
2	4.66	0.01%	Butyl acetate	Aliphatic Ester
3	4.96	0.02%	Methyl hexyl ether	Aliphatic Ether
4	5.75	0.22%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
5	6.18	0.09%	1-Hexanol	Aliphatic Alcohol
6	7.92	0.03%	Tricyclene	Monoterpene
7	8.08	0.03%	alpha-Thujene	Monoterpene
8	8.34	0.15%	alpha-Pinene	Monoterpene
9	8.95	0.27%	Camphene	Monoterpene
10	9.90	0.03%	Sabinene	Monoterpene
11	10.06	0.15%	beta-Pinene	Monoterpene
12	10.27	0.33%	1-Octen-3-ol	Aliphatic Alcohol
13	10.46	2.07%	Octan-3-one	Aliphatic Ketone
14	10.64	1.36%	Myrcene	Monoterpene
15	10.93	0.11%	Butyl butyrate	Aliphatic Ester
16	10.98	0.21%	3-Octanol	Aliphatic Alcohol
17	11.29	0.07%	Pseudolimonene	Monoterpene
18	11.40	0.58%	delta-3-Carene	Monoterpene
19	11.64	0.26%	Hexyl acetate	Aliphatic Ester
20	11.89	0.18%	o-Cymene	Monoterpene
21	12.10	0.31%	para-Cymene	Monoterpene
22	12.19	0.02%	alpha-Terpinene	Monoterpene
23	12.30	0.49%	Limonene	Monoterpene
24	12.40	0.04%	1,8-Cineole	Monoterpene Ether
25	12.68	2.47%	(Z)-beta-Ocimene	Monoterpene
26	13.14	1.14%	(E)-beta-Ocimene	Monoterpene
27	13.62	0.03%	gamma-Terpinene	Monoterpene
28	14.17	0.85%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
29	14.68	0.06%	Terpinolene	Monoterpene
30	14.90	0.88%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
31	15.06	0.03%	para-Cymenene	Monoterpene
32	15.70	28.64%	Linalool	Monoterpenol
33	15.77	0.30%	Hotrienol	Monoterpenol
34	15.85	0.04%	Hexyl propanoate	Monoterpene Ester
35	15.99	2.18%	1-Octenyl-3 acetate	Monoterpene Ester

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Number	RT	Area %	Compound Name	Chemical Family
36	16.13	0.03%	6-Methyl-3,5-heptadien-2-one	Monoterpene Ester
37	16.53	0.39%	Octan-3-yl acetate	Aliphatic Ester
38	16.87	0.48%	Alloocimene	Monoterpene
39	17.32	0.04%	trans-Pinocarveol	Monoterpenol
40	17.57	0.52%	Camphor	Monoterpene Ketone
41	17.79	0.09%	Hexyl isobutyrate	Monoterpene Ester
42	17.92	0.07%	Nerol oxide	Monoterpene Ether
43	18.39	0.09%	para-Mentha-1,5-dien-8-ol	Monoterpenol
44	18.51	0.04%	Lavandulol	Monoterpenol
45	18.77	2.63%	Borneol	Monoterpenol
46	18.98	0.10%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
47	19.18	0.19%	Terpinen-4-ol	Monoterpenol
48	19.26	0.22%	para-Cymen-8-ol	Monoterpenol
49	19.88	3.35%	alpha-Terpineol	Monoterpenol
50	20.50	0.05%	16.48 Isophorone<4-methlyene->	0.00
51	20.98	0.04%	Myrtenal	Monoterpene Aldehyde
52	21.28	0.52%	Nerol	Monoterpenol
53	21.81	0.03%	Hexyl 2-methyl butanoate	Monoterpene Ester
54	22.07	0.01%	Carvone	Monoterpene Ketone
55	22.55	36.84%	Linalyl acetate	Monoterpene Ester
56	23.87	0.12%	Bornyl acetate	Monoterpene Ester
57	23.96	0.33%	Lavandulyl acetate	Monoterpene Ester
58	25.95	0.02%	Hexyl tiglate	Monoterpene Ester
59	26.60	0.06%	alpha-Terpinyl acetate	Monoterpene Ester
60	27.20	1.08%	Neryl acetate	Monoterpene Ester
61	27.80	0.03%	alpha-Copaene	Sesquiterpene
62	28.05	2.03%	Geranyl acetate	Monoterpene Ester
63	29.02	0.03%	7-epi-Sesquithujene	Sesquiterpene
64	29.42	0.12%	cis-alpha-Bergamotene	Sesquiterpene
65	29.60	3.64%	beta-Caryophyllene	Sesquiterpene
66	30.25	0.33%	trans-alpha-Bergamotene	Sesquiterpene
67	30.55	0.02%	(Z)-beta-Farnesene	Sesquiterpene
68	30.79	0.06%	epi-beta-Santalene	Sesquiterpene
69	31.13	1.29%	(E)-beta-Farnesene	Sesquiterpene
70	32.11	0.13%	Germacrene D	Sesquiterpene

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72	33.43	0.06%	gamma-Cadinene	Sesquiterpene
73	34.85	0.02%	cis-Sesquisabinene hydrate	Monoterpene Ester
74	36.03	0.36%	Caryophyllene oxide	Sesquiterpene Ether
75	38.37	0.01%	T-Cadinol	Sesquiterpenol