

Client



Source



Lavandin Grosso (Lavandula x Grosso)
546028

Sample

Lavandin Grosso (Lavandula x Grosso)
Batch #:..... 546028
Type:..... Essential Oil
CAS Number:... 8022-15-9
Natural Sourcing LLC

Client



Website

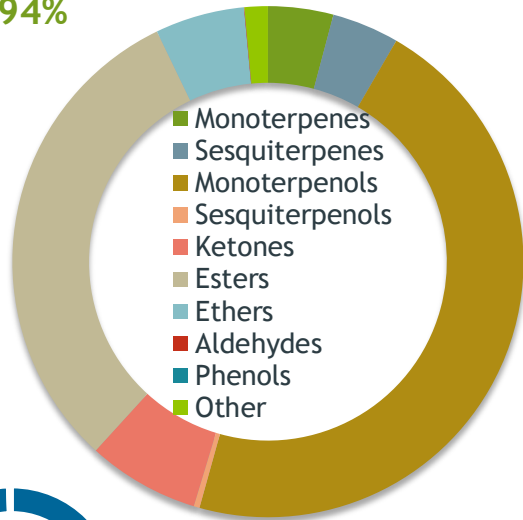


Primary

33.50% | Linalool
25.10% | Linalyl acetate
6.81% | Camphor

Monoterpenols

45.94%



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 Lavandin Grosso (Lavandula x Grosso)

Internal Number: | EVS-4527



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	4.13%
Sesquiterpenes	4.25%
Monoterpenols	45.94%
Sesquiterpenols	0.37%
Ketones	7.08%
Esters	31.08%
Ethers	5.65%
Aldehydes	0.03%
Phenols	0.00%
Other	1.47%

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NATURAL SOURCING
 Cosmetic and Personal Care Ingredient Specialists
 PROUDLY SERVING YOU FOR OVER 30 YEARS

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Total Percentage		99.42%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.82	0.03%	Methyl hexyl ether	Aliphatic Ether
2	5.61	0.11%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
3	6.03	0.24%	1-Hexanol	Aliphatic Alcohol
4	7.74	0.01%	Tricyclene	Monoterpene
5	7.91	0.09%	alpha-Thujene	Monoterpene
6	8.16	0.37%	alpha-Pinene	Monoterpene
7	8.77	0.25%	Camphene	Monoterpene
8	9.57	0.03%	Isopropyl tiglate	Aliphatic Ester
9	9.71	0.12%	Sabinene	Monoterpene
10	9.87	0.33%	beta-Pinene	Monoterpene
11	10.09	0.42%	1-Octen-3-ol	Aliphatic Alcohol
12	10.29	0.05%	Octan-3-one	Aliphatic Ketone
13	10.46	0.61%	Myrcene	Monoterpene
14	10.76	0.03%	Butyl butyrate	Aliphatic Ester
15	11.10	0.04%	alpha-Phellandrene	Monoterpene
16	11.21	0.06%	delta-3-Carene	Monoterpene
17	11.47	0.15%	Hexyl acetate	Aliphatic Ester
18	11.57	0.03%	alpha-Terpinene	Monoterpene
19	11.70	0.02%	o-Cymene	Monoterpene
20	11.90	0.21%	para-Cymene	Monoterpene
21	12.11	0.73%	Limonene	Monoterpene
22	12.21	5.45%	1,8-Cineole	Monoterpene Ether
23	12.49	0.50%	(Z)-beta-Ocimene	Monoterpene
24	12.95	0.38%	(E)-beta-Ocimene	Monoterpene
25	13.42	0.08%	gamma-Terpinene	Monoterpene
26	13.97	0.36%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
27	14.11	0.10%	1-Octanol	Aliphatic Alcohol
28	14.49	0.01%	Camphenilone	Monoterpene Ketone
29	14.65	0.19%	Terpinolene	Monoterpene
30	14.71	0.17%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
31	14.85	0.01%	para-Cymenene	Monoterpene
32	15.53	33.50%	Linalool	Monoterpenol
33	15.59	0.01%	Hotrienol	Monoterpenol
34	15.68	0.03%	Hexyl propanoate	Monoterpene Ester
35	15.81	0.40%	1-Octenyl-3 acetate	Monoterpene Ester

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- 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

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Number	RT	Area %	Compound Name	Chemical Family
36	16.429	0.01%	cis-para-Menth-2-en-1-ol	Monoterpene Ester
37	16.52	0.01%	alpha-Campholene aldehyde	Monoterpene Aldehyde
38	16.68	0.10%	Alloocimene	Monoterpene
39	17.00	0.02%	Nopinone	Monoterpene Ketone
40	17.13	0.03%	trans-Pinocarveol	Monoterpene
41	17.39	6.81%	Camphor	Monoterpene Ketone
42	17.61	0.25%	Hexyl isobutyrate	Monoterpene Ester
43	17.75	0.03%	Camphene hydrate	Monoterpene
44	18.33	1.25%	Lavandulol	Monoterpene
45	18.58	3.79%	Borneol	Monoterpene
46	18.79	0.04%	cis-Linalool oxide (6) (pyranoid)	Monoterpene
47	19.00	4.65%	Terpinen-4-ol	Monoterpene
48	19.22	0.01%	Cryptone	Monoterpene Ketone
49	19.31	0.07%	para-Cymen-8-ol	Monoterpene
50	19.47	0.04%	(Z)-3-Hexenyl butyrate	Aliphatic Ester
51	19.66	1.86%	alpha-Terpineol	Monoterpene
52	20.16	0.01%	Verbenone	Monoterpene Ketone
53	20.27	0.02%	Decanal	Aliphatic Aldehyde
54	20.52	0.03%	Octyl acetate	Aliphatic Ester
55	20.79	0.01%	trans-Carveol	Monoterpene
56	21.08	0.16%	Nerol	Monoterpene
57	21.64	0.12%	Hexyl 2-methyl butanoate	Monoterpene Ester
58	21.85	0.17%	Carvone	Monoterpene Ketone
59	21.93	0.28%	Hexyl isovalerate	Monoterpene Ester
60	22.36	25.10%	Linalyl acetate	Monoterpene Ester
61	23.28	0.04%	neo-Isopulegyl acetate	Monoterpene Ester
62	23.69	0.03%	Bornyl acetate	Monoterpene Ester
63	23.80	2.69%	Lavandulyl acetate	Monoterpene Ester
64	25.77	0.22%	Hexyl tiglate	Monoterpene Ester
65	26.39	0.04%	Dihydrocarvyl acetate	Monoterpene Ester
66	27.03	0.35%	Neryl acetate	Monoterpene Ester
67	27.77	0.09%	Daucene	Sesquiterpene
68	27.88	0.69%	Geranyl acetate	Monoterpene Ester
69	28.86	0.11%	7-epi-Sesquithujene	Sesquiterpene
70	28.94	0.02%	alpha-Gurjunene	Sesquiterpene
71	29.26	0.04%	alpha-Cedrene	Sesquiterpene

