

Client



Source



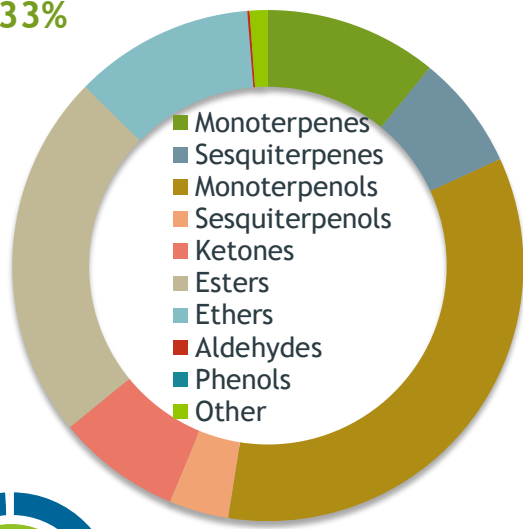
Lavandin (Lavandula x Grosso)  
06242021LG

Sample

Lavandin (Lavandula x Grosso)  
Batch #:..... 06242021LG  
Type:..... Essential Oil  
CAS Number:... 8022-15-9  
**Mountain Girl Soap**

Monoterpenols

34.33%



Percentage Identified

Client



Website



Primary

**22.32%** | Linalool  
**15.37%** | Linalyl acetate  
**11.18%** | 1,8-Cineole

Result



Conclusion

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

Internal Number: | EVS-4429



Essential Validation Services

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

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

*Alan Christen*

Monoterpenes	10.92%	10.92%
Sesquiterpenes	7.24%	7.24%
Monoterpenols	34.33%	34.33%
Sesquiterpenols	3.77%	3.77%
Ketones	7.84%	7.84%
Esters	23.23%	23.23%
Ethers	11.38%	11.38%
Aldehydes	0.15%	0.15%
Phenols	0.00%	0.00%
Other	1.14%	1.14%

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Total Percentage		99.35%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.83	0.02%	Methyl hexyl ether	Aliphatic Ether
2	6.06	0.02%	1-Hexanol	Aliphatic Alcohol
3	7.75	0.03%	Tricyclene	Monoterpene
4	7.92	0.11%	alpha-Thujene	Monoterpene
5	8.17	1.04%	alpha-Pinene	Monoterpene
6	8.77	0.56%	Camphene	Monoterpene
7	8.94	0.01%	Thuja-2,4(10)-diene	Monoterpene
8	9.59	0.02%	Isopropyl tiglate	Aliphatic Ester
9	9.72	0.36%	Sabinene	Monoterpene
10	9.88	1.18%	beta-Pinene	Monoterpene
11	10.10	0.30%	1-Octen-3-ol	Aliphatic Alcohol
12	10.30	0.12%	Octan-3-one	Aliphatic Ketone
13	10.47	1.35%	Myrcene	Monoterpene
14	10.77	0.02%	Butyl butyrate	Aliphatic Ester
15	10.84	0.01%	3-Octanol	Aliphatic Alcohol
16	11.01	0.01%	Pseudolimonene	Monoterpene
17	11.11	0.11%	alpha-Phellandrene	Monoterpene
18	11.22	0.40%	delta-3-Carene	Monoterpene
19	11.48	0.16%	Hexyl acetate	Aliphatic Ester
20	11.58	0.12%	alpha-Terpinene	Monoterpene
21	11.71	0.05%	o-Cymene	Monoterpene
22	11.92	0.18%	para-Cymene	Monoterpene
23	12.14	1.93%	Limonene	Monoterpene
24	12.24	11.18%	1,8-Cineole	Monoterpene Ether
25	12.50	1.48%	(Z)-beta-Ocimene	Monoterpene
26	12.96	0.80%	(E)-beta-Ocimene	Monoterpene
27	13.43	0.26%	gamma-Terpinene	Monoterpene
28	13.97	0.09%	trans-Sabinene hydrate	Monoterpenol
29	14.12	0.03%	1-Octanol	Aliphatic Alcohol
30	14.50	0.04%	Isoterpinolene	Monoterpene
31	14.65	0.59%	Terpinolene	Monoterpene
32	14.86	0.01%	para-Cymenene	Monoterpene
33	15.50	22.32%	Linalool	Monoterpenol
34	15.58	0.09%	Hotrienol	Monoterpenol
35	15.68	0.06%	Hexyl propanoate	Monoterpene Ester

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Number	RT	Area %	Compound Name	Chemical Family
36	15.809	0.39%	1-Octenyl-3 acetate	Monoterpene Ester
37	16.52	0.03%	alpha-Campholene aldehyde	Monoterpene Aldehyde
38	16.68	0.30%	Alloocimene	Monoterpene
39	17.00	0.02%	Nopinone	Monoterpene Ketone
40	17.14	0.04%	trans-Pinocarveol	Monoterpene
41	17.27	0.02%	cis-para-Menth-2-en-1-ol	Monoterpene
42	17.40	7.54%	Camphor	Monoterpene Ketone
43	17.62	0.16%	Hexyl isobutyrate	Monoterpene Ester
44	17.75	0.03%	Camphene hydrate	Monoterpene
45	18.10	0.03%	Pinocarvone	Monoterpene Ketone
46	18.19	0.03%	para-Mentha-1,5-dien-8-ol	Monoterpene
47	18.34	0.52%	Lavandulol	Monoterpene
48	18.60	5.32%	Borneol	Monoterpene
49	19.00	2.47%	Terpinen-4-ol	Monoterpene
50	19.22	0.10%	Cryptone	Monoterpene Ketone
51	19.32	0.08%	para-Cymen-8-ol	Monoterpene
52	19.68	2.81%	alpha-Terpineol	Monoterpene
53	20.17	0.01%	Verbenone	Monoterpene Ketone
54	20.29	0.03%	Decanal	Aliphatic Aldehyde
55	20.52	0.03%	Octyl acetate	Aliphatic Ester
56	20.79	0.02%	trans-Carveol	Monoterpene
57	21.09	0.49%	Nerol	Monoterpene
58	21.64	0.08%	Hexyl 2-methyl butanoate	Monoterpene Ester
59	21.76	0.04%	Cuminal	Monoterpene Aldehyde
60	21.86	0.02%	Carvone	Monoterpene Ketone
61	21.93	0.15%	Hexyl isovalerate	Monoterpene Ester
62	22.33	15.37%	Linalyl acetate	Monoterpene Ester
63	23.33	0.05%	Phellandral	Monoterpene Aldehyde
64	23.70	0.07%	Bornyl acetate	Monoterpene Ester
65	23.82	3.57%	Lavandulyl acetate	Monoterpene Ester
66	25.78	0.13%	Hexyl tiglate	Monoterpene Ester
67	26.45	0.02%	alpha-Terpinyl acetate	Monoterpene Ester
68	27.04	0.71%	Neryl acetate	Monoterpene Ester
69	27.78	0.13%	Daucene	Sesquiterpene
70	27.89	1.45%	Geranyl acetate	Monoterpene Ester
71	28.23	0.14%	7-epi-Sesquithujene	Sesquiterpene

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72	28.95	0.07%	alpha-Gurjunene	Sesquiterpene
73	29.27	0.06%	alpha-Cedrene	Sesquiterpene
74	29.44	2.12%	Isocaryophyllene	Sesquiterpene
75	29.93	0.13%	Coumarin	Coumarin
76	30.10	0.19%	cis-alpha-Bergamotene	Sesquiterpene
77	30.40	0.09%	beta-Cedrene	Sesquiterpene
78	30.54	0.09%	cis-Muurola-3,5-diene	Sesquiterpene
79	30.65	0.01%	epi-beta-Santalene	Sesquiterpene
80	30.73	0.02%	beta-Copaene	Sesquiterpene
81	30.99	1.65%	(E)-beta-Farnesene	Sesquiterpene
82	31.24	0.24%	Lavandulyl isobutyrate	Monoterpene Ester
83	31.60	0.11%	Dauca-5,8-diene	Sesquiterpene
84	31.75	0.02%	gamma-Muurolene	Sesquiterpene
85	31.96	0.95%	Germacrene D	Sesquiterpene
86	32.55	0.03%	Bicyclogermacrene	Sesquiterpene
87	32.86	0.04%	Germacrene A	Sesquiterpene
88	33.02	0.58%	Lavandulyl 2-methylbutyrate	Monoterpene Ester
89	33.15	0.24%	beta-Bisabolene	Sesquiterpene
90	33.28	0.67%	gamma-Cadinene	Sesquiterpene
91	33.52	0.18%	delta-Cadinene	Sesquiterpene
92	33.76	0.24%	beta-Sesquiphellandrene	Sesquiterpene
93	34.20	0.01%	alpha-Cadinene	Sesquiterpene
94	34.45	0.18%	trans-alpha-Bisabolene	Sesquiterpene
95	34.96	0.02%	cis-Sesquisabinene hydrate	Monoterpene Ester
96	35.71	0.04%	Germacrene D-4-ol	Sesquiterpenol
97	35.87	0.18%	Caryophyllene oxide	Sesquiterpene Ether
98	36.75	0.01%	Ledol	Sesquiterpenol
99	37.20	0.11%	1,10-di-epi-Cubenol	Sesquiterpenol
100	38.21	1.42%	T-Cadinol	Sesquiterpenol
101	38.38	0.01%	alpha-Muurolol	Sesquiterpenol
102	38.69	0.15%	T-Muurolol	Sesquiterpenol
103	39.87	2.03%	alpha-Bisabolol	Sesquiterpenol

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