



Jade Bloom

Health, Healing, & Happiness®

Date: May 7th, 2021

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Lavender Bulgarian - JB2072-485829

Type: Essential oil

Source: Lavandula angustifolia

ANALYSIS

Method: 10152018_10:1split.m - Analysis of the composition of an essential oil, or other volatile liquid, by GC-FID, identifications validated by GC-MS.

Analysis date: May 3rd, 2021

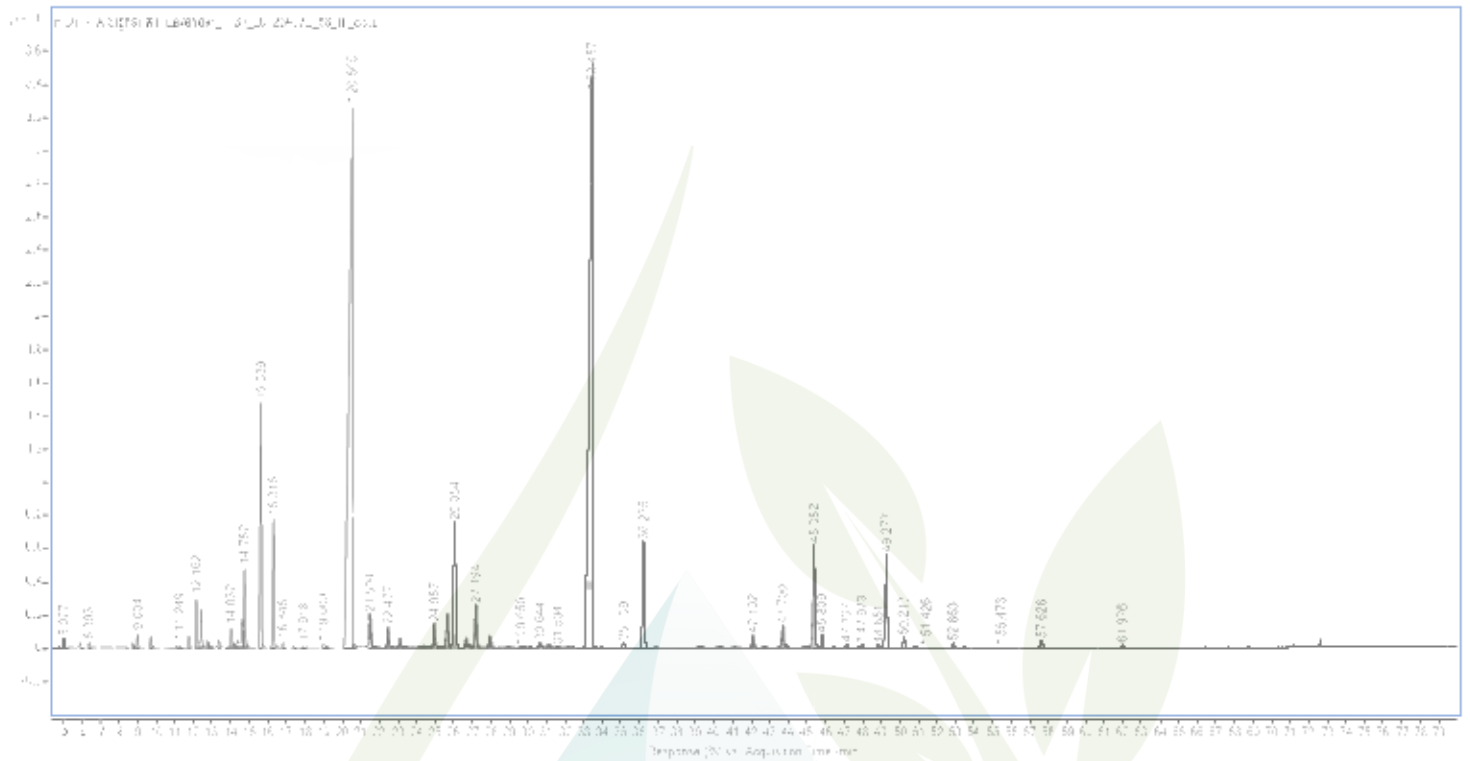
Physical aspect: Colorless to pale yellow liquid

CONCLUSION

No adulterant, contaminant or diluent has been detected using this method.

Peak	Compound	RT	Area Sum %
1	Butyl acetate	4.734	0.01
2	Furfural	5.027	0.1
3	(2E)-Hexenal	5.918	0.07
4	cis-2-Hexenol	6.393	0.08
5	Tricyclene	8.414	0.02
6	α -Thujene	8.738	0.11
7	α -Pinene	9.004	0.26
8	Camphene	9.705	0.2
9	Sabinene + β -Pinene	11.249	0.17
10	1-Octen-3-ol	11.75	0.29
11	3-Octanone	12.162	0.96
12	β -Myrcene	12.41	0.81
13	3-Octanol	12.755	0.18
14	Butyl butylate	12.839	0.08
15	α -Phellandrene	13.022	0.04
16	δ 3-carene	13.374	0.19
17	α -Terpinene	13.848	0.05
18	Hexyl acetate	14.032	0.45
19	o-Cymene	14.252	0.04
20	p-Cymene	14.39	0.17
21	Limonene + β -Phellandrene	14.627	0.67
22	1,8-Cineole	14.752	1.79
23	(Z)- β -Ocimene	15.639	5.56
24	(E)- β -Ocimene	16.316	2.84
25	γ -Terpinene	16.846	0.17
26	cis-Sabinene hydrate	17.429	0.05
27	cis-Linalool oxide	17.918	0.11
28	α -Terpinolene	19.009	0.13
29	trans-Linalool oxide	19.149	0.1
30	Linalool	20.565	31.68
31	Hotrienol	20.679	0.06
32	1-Octen-3-yl-acetate	21.504	0.8
33	Allo-Ocimene	22.477	0.54
34	Camphor	23.115	0.25
35	Hexyl isobutyrate	24.374	0.07
36	Borneol	24.957	0.63
37	Lavandulol	25.65	0.93
38	Terpinen-4-ol	26.054	3.7
39	Cryptone	26.667	0.24
40	m-Cymen-8-ol	26.859	0.06
41	α -Terpineol	27.194	1.13
42	Hexyl butyrate	27.955	0.33
43	unknown	29.65	0.05
44	Bornyl formate	30.09	0.03

45	Nerol	30.644	0.13
46	Hexyl isovalerate	31.102	0.08
47	Carvone	31.594	0.06
48	Linalyl acetate	33.457	30.82
49	Bornyl acetate	35.139	0.16
50	Lavandulol acetate	36.235	3.17
51	Neryl acetate	42.102	0.38
52	β -Bourbonene	42.71	0.03
53	Geranyl acetate	43.7	0.67
54	Hexyl hexanoate	43.915	0.06
55	β -Caryophyllene	45.382	3.39
56	α -Santalene	45.809	0.41
57	Coumarin	46.475	0.03
58	trans- α -Bergamotene	47.137	0.12
59	Sesquisabinene A	47.779	0.05
60	α -Humulene	47.973	0.12
61	Lavandulyl butyrate	48.851	0.11
62	(E)- β -Farnesene	49.277	3.02
63	Germacrene D	50.213	0.36
64	trans- β -Bergamotene	50.817	0.05
65	β -Bisabolene	51.426	0.01
66	γ -Cadinene	52.863	0.16
67	unknown	53.184	0.02
68	unknown	53.459	0.04
69	unknown	55.473	0.03
70	Caryophyllene oxide	57.628	0.27
71	τ -Cadinol	61.976	0.08
	Total identified		99.86%



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