



Jade Bloom

Health, Healing, & Happiness®

Date: March 31, 2022

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Clary Sage - 211203853

Type: Essential oil

Source: Salvia sclarea

Country of Origin: France

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: January 28, 2022

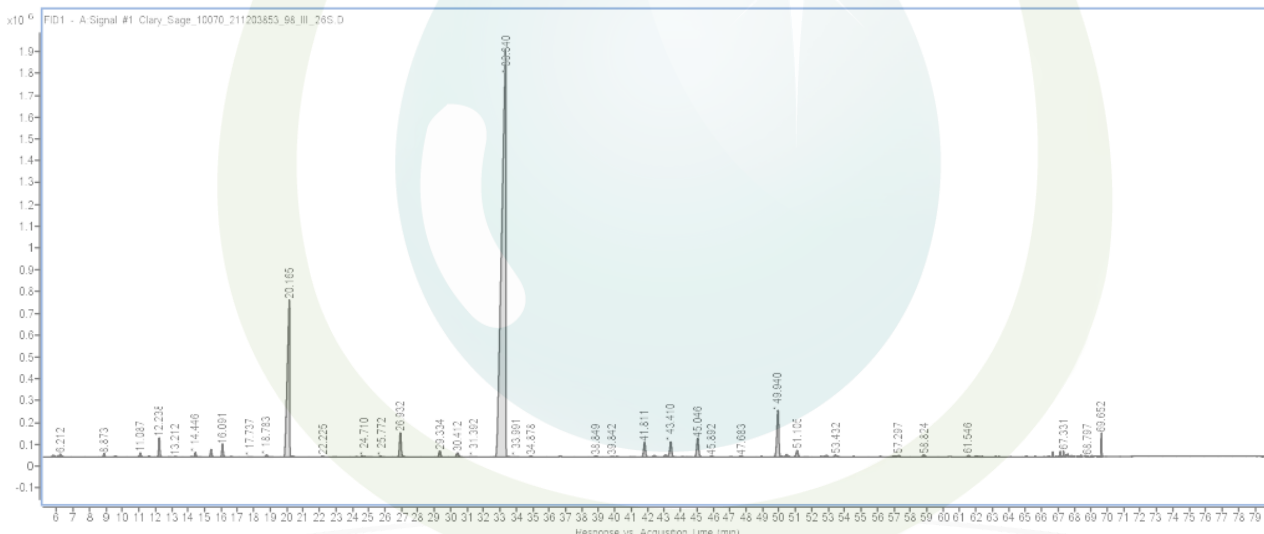
Physical aspect: Clear liquid

CONCLUSION

No adulterant or contaminant has been detected in this oil.

Peak	Compound	RT	Area Sum %
1	(E)-2-Hexenal	5.743	0.03
2	(3Z)-Hexenol	5.844	0.03
3	(2E)-Hexenol	6.089	0.04
4	Hexanol	6.212	0.09
5	α -Pinene	8.873	0.13
6	Camphene	9.568	0.04
7	Sabinene + β -Pinene	11.087	0.22
8	1-Octen-3-ol	11.607	0.03
9	β -Myrcene	12.238	0.91
10	δ -2-Carene	12.883	0.01
11	δ 3-carene	13.212	0.03
12	p-Cymene	14.197	0.02
13	Limonene	14.446	0.22
14	1,8-Cineole	14.607	0.01
15	(Z)- β -Ocimene	15.397	0.38
16	(E)- β -Ocimene	16.091	0.69
17	γ -Terpinene	16.639	0.03
18	cis-Linalool oxide	17.737	0.01
19	α -Terpinolene	18.783	0.13
20	trans-Linalool oxide (furanoid)	18.95	0.01
21	Linalool	20.165	15.45
22	Hotrienol	20.367	0.05
23	Allo-Ocimene	22.225	0.03
24	Camphor	22.832	0.01
25	Borneol	24.71	0.05
26	δ -Terpineol	25.065	0.01
27	Terpinen-4-ol	25.772	0.03
28	α -Terpineol	26.932	1.71
29	unknown	29.334	0.42
30	Nerol	30.412	0.35
31	Neral	31.392	0.01
32	Linalyl acetate	33.34	68.29
33	Geranial	33.991	0.02
34	Bornyl acetate	34.878	0.05
35	Bicycloelemenene	38.849	0.07
36	unknown	39.842	0.04
37	α -Terpinyl acetate	40.144	0.03
38	unknown	41.023	0.02
39	Neryl acetate	41.811	1.1
40	β -Bourbonene	42.407	0.11
41	β -Cubebene	43.072	0.15
42	Geranyl acetate	43.41	1.21
43	α -Gurjunene	44.456	0.03
44	β -Caryophyllene	45.046	1.48
45	β -Copaene	45.892	0.06

46	α -Humulene	47.683	0.08
47	Germacrene D	49.94	3.78
48	β -Selinene	50.197	0.03
49	Geranyl propionate	50.47	0.19
50	Bicyclogermacrene	51.105	0.5
51	α -Muurolene	51.662	0.01
52	γ -Cadinene	52.636	0.04
53	(3E,6E)- α -Farnesene	52.885	0.11
54	δ -Cadinene	53.432	0.1
55	Spathulenol	57.041	0.1
56	Caryophyllene oxide	57.297	0.09
57	unknown	58.824	0.15
58	unknown	61.546	0.1
59	β -Eudesmol	62.01	0.05
60	α -Eudesmol	62.179	0.04
61	unknown	62.37	0.01
62	Sclareoloxide	66.682	0.09
63	m-Camphorene	67.132	0.11
64	p-Camphorene	67.331	0.09
65	Geranyl-p-cymene	67.476	0.04
66	Manoyl oxide	67.826	0.02
67	13-epi-Manoyl oxide	67.962	0.01
68	unknown	68.797	0.01
69	Sclareol	69.652	0.39
	Total identified		99.35%



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