



Jade Bloom

Health, Healing, & Happiness®

Date: June 14th, 2021

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Frankincense Carterii - JB2188-479832

Type: Essential oil

Source: Boswellia Carterii

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 24th, 2021

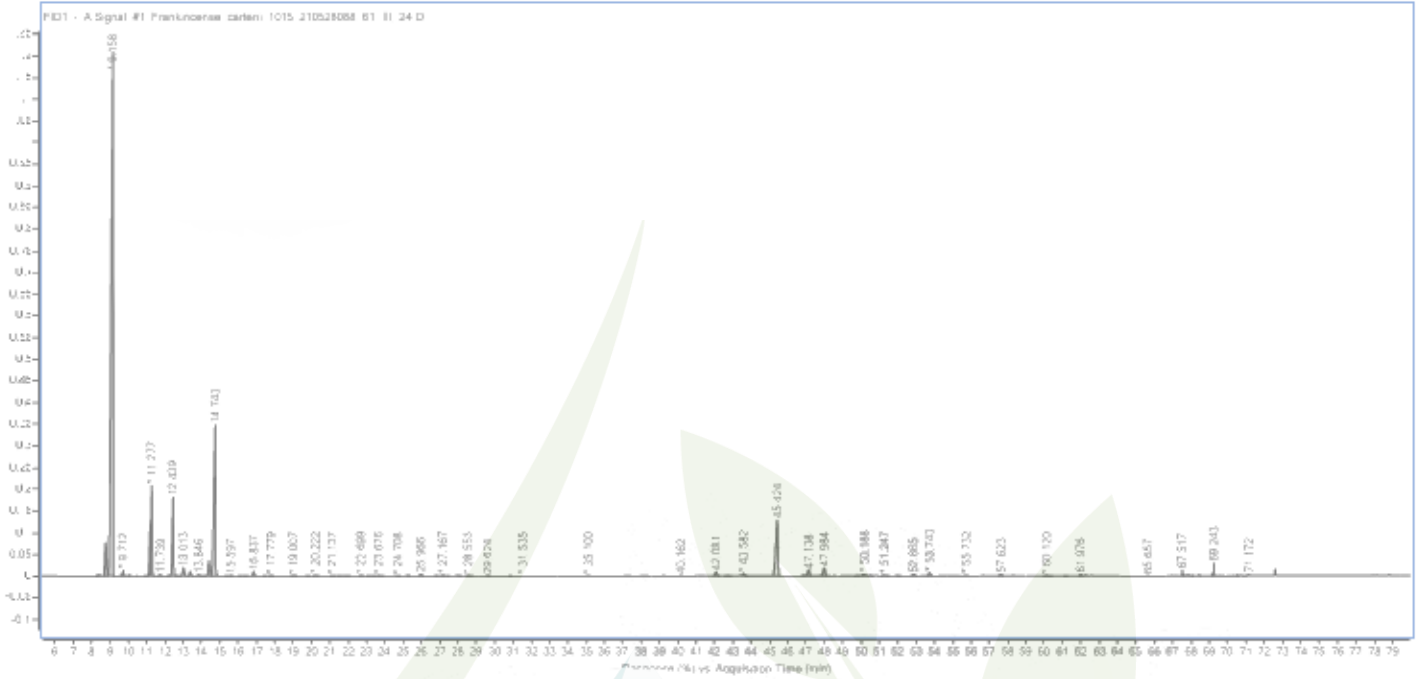
Physical aspect: Pale yellow liquid

CONCLUSION

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

Peak	Compound	RT	Area Sum %
1	(3Z)-Hexenol	8.288	0.02
2	Tricyclene	8.416	0.08
3	α -Thujene	8.758	2.75
4	α -Pinene	9.158	51.99
5	Camphene	9.712	0.37
6	Thuja-2,4(10)-diene	10.051	0.05
7	m-Cymene	10.967	0.01
8	Sabinene	11.217	2.95
9	β -Pinene	11.277	5.61
10	Camphene analog II	11.739	0.09
11	6-Methyl-5-heptene-2-one	12.242	0.02
12	β -Myrcene	12.439	5.46
13	3-Octanol	12.601	0.05
14	α -Phellandrene	13.013	0.73
15	δ 3-carene	13.373	0.3
16	α -Terpinene	13.846	0.1
17	Carvomenthene	14.132	0.01
18	p-Cymene	14.397	1.2
19	Limonene	14.743	14.44
20	Benzyl alcohol	15.34	0.01
21	(Z)- β -Ocimene	15.597	0.05
22	unknown	16.14	0.01
23	(E)- β -Ocimene	16.297	0.03
24	γ -Terpinene	16.837	0.35
25	cis-Sabinene hydrate	17.451	0.01
26	cis-p-Mentha-2,8-dien-1-ol	17.779	0.03
27	α -Terpinolene	19.007	0.08
28	trans-Sabinene hydrate	19.749	0.01
29	Linalool	20.222	0.06
30	α -Thujone	21.137	0.03
31	β -Thujone	21.527	0.02
32	cis-para-Menth-2-en-1-ol	21.925	0.03
33	α -Campholenal	22.699	0.07
34	Pinocarveol<trans->	23.065	0.02
35	trans-Verbenol	23.396	0.03
36	α -Phellandrene-8-ol analog	23.676	0.04
37	α -Phellandrene-8-ol analog	24.708	0.01
38	α -Phellandrene-8-ol	25.261	0.05
39	Terpinen-4-ol	25.966	0.19
40	p-Cymen-8-ol	26.827	0.03
41	α -Terpineol	27.167	0.09
42	unknown	27.452	0.02

43	E-Anethole	28.013	0.05
44	Verbenone	28.553	0.06
45	Octyl acetate	29.624	0.06
46	Carvone	31.535	0.03
47	Bornyl acetate	35.1	0.05
48	α -Cubebene	40.162	0.08
49	α -Copaene	42.081	0.45
50	β -Bourbonene	42.687	0.04
51	β -Elemene	43.582	0.3
52	β -Caryophyllene	45.424	6.92
53	γ -Elemene	46.865	0.09
54	trans- α -Bergamotene	47.138	0.62
55	α -Humulene	47.984	0.91
56	Alloaromadendrene	48.527	0.05
57	trans-Cadina-1(6),4-diene	49.81	0.06
58	γ -Muurolene	50.116	0.13
59	Germacrene D	50.188	0.23
60	β -Selinene	50.504	0.1
61	α -Selinene	51.247	0.17
62	α -Muurolene	51.961	0.07
63	γ -Cadinene	52.865	0.23
64	δ -Cadinene	53.743	0.38
65	β -Curcumene	54.225	0.02
66	Dihydroagarofuran	55.732	0.09
67	Caryophyllene oxide	57.623	0.19
68	Viridiflorol	58.302	0.04
69	Junenol	60.12	0.06
70	unknown	61.178	0.04
71	τ -Cadinol	61.976	0.16
72	unknown	62.257	0.07
73	α -Phellandrene dimer	65.657	0.02
74	Cembrene A	67.517	0.15
75	unknown	67.606	0.03
76	unknown	67.832	0.05
77	unknown	68.041	0.01
78	unknown	68.075	0.02
79	unknown	68.448	0.04
80	unknown	69.141	0.04
81	unknown	69.243	0.34
82	unknown	70.521	0.03
83	unknown	71.172	0.03
	Total identified		99.27%



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