



Jade Bloom

Health, Healing, & Happiness®

Date: November 19th ,2020

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Amyris- JB2083-274883

Type: Essential oil

Source: Amyris balsamifera

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: June 15th , 2020

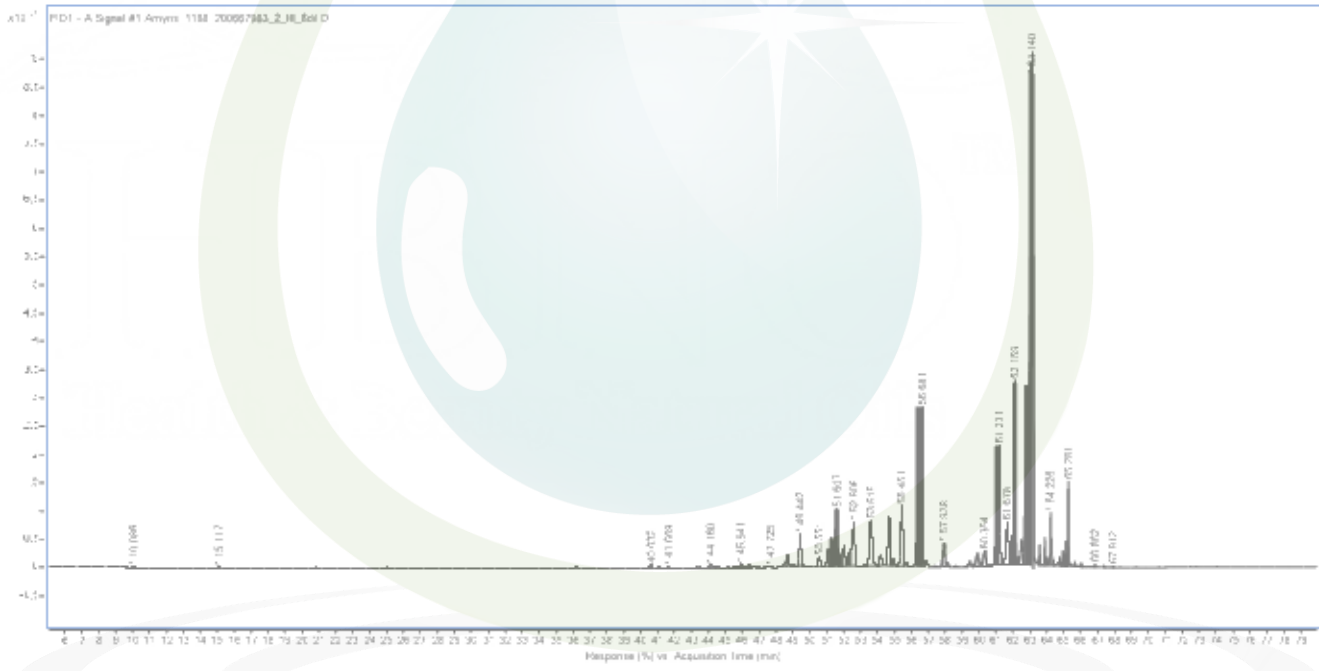
Physical aspect: yellow liquid

CONCLUSION

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

Peak	Compound	RT	Area Sum %
1	Camphene	10.086	0.01
2	Limonene	15.117	0.01
3	unknown	40.632	0.1
4	unknown	41.107	0.02
5	Cyclosativene I	41.669	0.02
6	unknown	43.447	0.04
7	β -Elemene	44.16	0.11
8	unknown	44.374	0.08
9	α -Gurjunene	45.192	0.02
10	Sesquithujene	45.643	0.06
11	β -Caryophyllene	45.941	0.2
12	unknown	46.391	0.07
13	Aromandendrene	47.624	0.02
14	trans- α -Bergamotene	47.725	0.03
15	epi- β -Santalene	48.61	0.17
16	Cadina-4,11-diene	48.724	0.57
17	unknown	49.032	0.11
18	unknown	49.203	0.02
19	Alloaromadendrene + Amorpha-4,11-diene	49.442	1.34
20	β -Santalene	49.858	0.06
21	Selina-4,11-diene	50.551	0.43
22	β -Selinene	51.058	0.8
23	Amorpha-4,7(11)-diene	51.285	1.51
24	Ar-Curcumene	51.607	2.39
25	Valencene	51.937	0.57
26	unknown	52.037	0.95
27	unknown	52.377	0.51
28	α -Zingiberene	52.606	2.82
29	β -Dihydroagarofuran	53.255	0.12
30	β -Bisabolene	53.619	2.98
31	unknown	54.187	0.49
32	β -Sesquiphellandrene	54.701	2.21
33	unknown	54.931	0.31
34	Selina-3,7(11)-diene	55.451	3.32
35	α -Elemol	56.681	12.84
36	(E)-Nerolidol	57.938	1.11
37	Spathulenol	58.146	0.14
38	Eudesm-5-en-11-ol analog	59.917	0.76
39	Eudesm-5-en-11-ol	60.354	0.89
40	Humulene epoxide II	60.791	0.08
41	10-epi- γ -Eudesmol	61.231	7.41
42	unknown	61.398	0.24
43	unknown	61.678	2.02
44	unknown	61.837	0.28
45	γ -Eudesmol	62.159	8.46

46	Hinesol	62.345	0.24
47	Agarospinol	62.502	1.01
48	α -Eudesmol + β -Eudesmol	62.93	10.43
49	Valerianol	63.14	20.5
50	7-epi- α -eudesmol	63.147	6.69
51	trans-Calamenene-10-ol	63.577	0.39
52	unknown	63.885	0.53
53	unknown	64.003	0.23
54	unknown	64.226	1.15
55	unknown	64.391	0.09
56	(2E,6E)-Farnesol	64.767	0.17
57	unknown	64.957	0.24
58	(6R,7R)-Bisabolone	65.131	0.34
59	Drimenol	65.281	1.05
60	unknown	65.667	0.06
61	unknown	65.95	0.01
62	unknown	66.046	0.07
63	unknown	66.777	0.01
64	unknown	66.862	0.03
65	unknown	67.359	0.02
66	unknown	67.397	0.01
67	unknown	67.912	0.01
	Total identified		92.30%



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