

## GC-MS Profiling Analysis Prepared for Jade Bloom, Inc

**Date:** September 20, 2018

**Sample:** Amyris

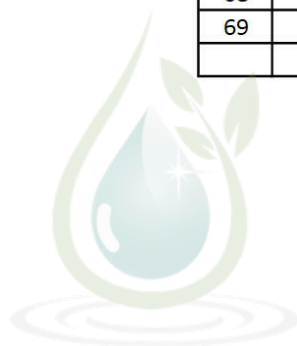
**Type:** Essential Oil

**Source:** *Amyris balsamifera*

**Batch:** 69953

Peak	Compound	RT	Area Sum %
1	Camphene	10.557	0.02
2	Limonene	15.752	0.04
3	unknown	41.351	0.12
4	unknown	41.835	0.07
5	Cyclosativene I	42.394	0.07
6	unknown	44.179	0.08
7	$\beta$ -Elemene	44.863	0.08
8	unknown	45.099	0.12
9	$\alpha$ -Gurjunene	45.904	0.03
10	Sesquithujene	46.327	0.08
11	$\beta$ -Caryophyllene	46.661	0.19
12	unknown	47.084	0.1
13	Aromandendrene	48.159	0.04
14	trans- $\alpha$ -Bergamotene	48.387	0.08
15	epi- $\beta$ -Santalene	49.25	0.09
16	Cadina-4,11-diene	49.394	0.65
17	unknown	49.729	0.19
18	unknown	49.88	0.04
19	Alloaromadendrene	50.082*	1.77
20	Amorpha-4,11-diene	50.082*	[1.77]
21	$\beta$ -Santalene	50.476	0.08
22	Selina-4,11-diene	51.215	0.43
23	$\beta$ -Selinene	51.693	0.59
24	Amorpha-4,7(11)-diene	51.872	1.06
25	Ar-Curcumene	52.153	1.48
26	Valencene	52.487	0.47
27	unknown	52.687	0.81
28	unknown	52.968	0.46
29	$\alpha$ -Zingiberene	53.182	3.41
30	$\beta$ -Dihydroagarofuran	53.912	0.18
31	$\beta$ -Bisabolene	54.173	1.64
32	unknown	54.415	0.13
33	$\beta$ -Sesquiphellandrene	55.23	5.02
34	unknown	55.547	0.23
35	Selina-3,7(11)-diene	56.003	2.21
36	$\alpha$ -Elemol	56.942	9.86
37	(E)-Nerolidol	58.442	0.58
38	Spathulenol	58.714	0.27
39	Eudesm-5-en-11-ol analog	60.451	0.8
40	Eudesm-5-en-11-ol	60.817	1.01
41	Humulene epoxide II	61.249	0.14
42	10-epi- $\gamma$ -Eudesmol	61.57	6.75
43	unknown	61.845	0.2
44	unknown	62.039	1.71
45	unknown	62.187	0.33

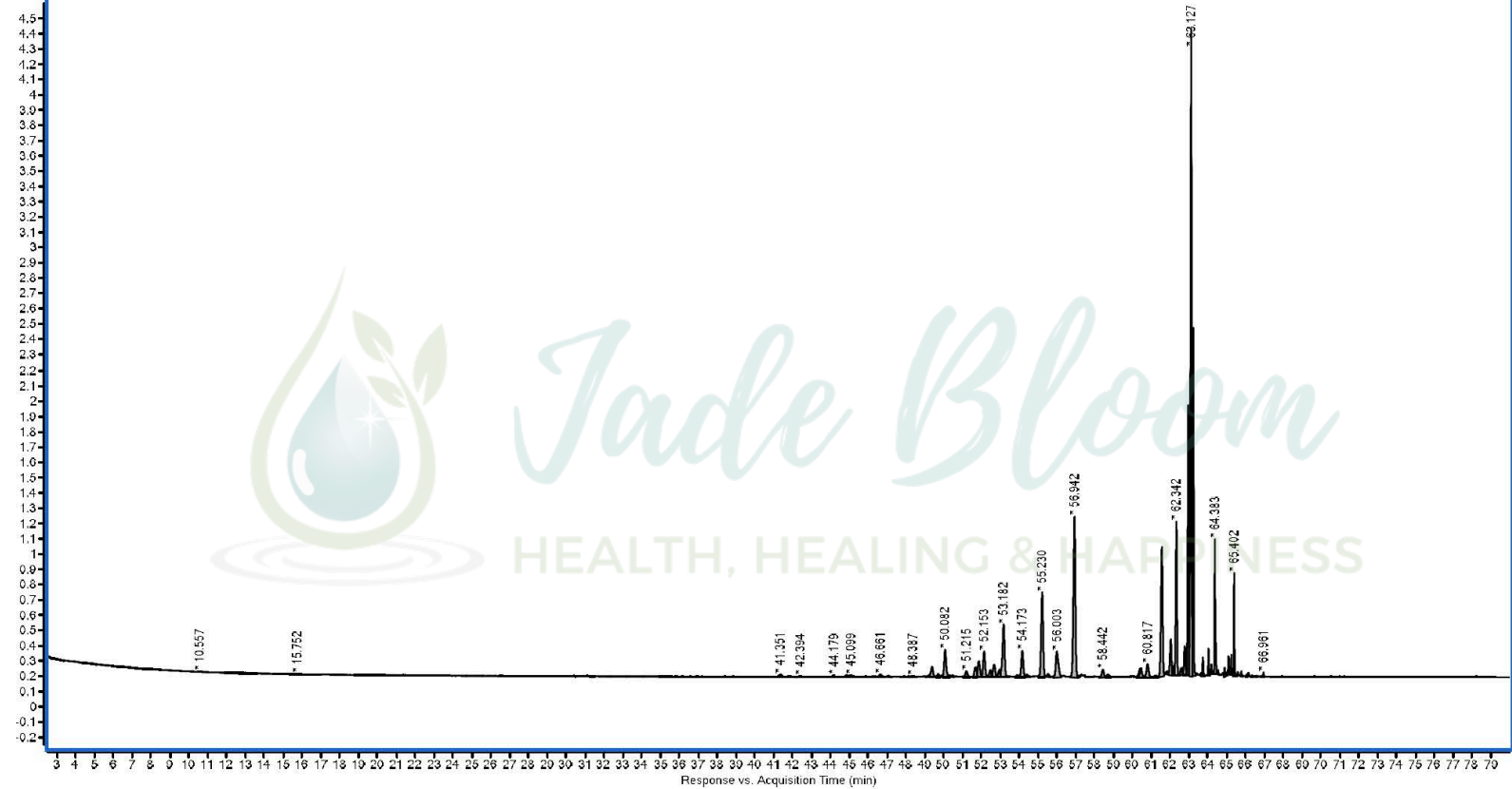
46	$\gamma$ -Eudesmol	62.342	5.92
47	Hinesol	62.615	0.39
48	Agarospirol	62.782	1.17
49	$\alpha$ -Eudesmol	62.968*	8.6
50	$\beta$ -Eudesmol	62.968*	[8.6]
51	Valerianol	63.127	23.02
52	7-epi- $\alpha$ -eudesmol	63.239	9.13
53	trans-Calamenene-10-ol	63.746	0.52
54	unknown	64.045	0.66
55	unknown	64.198	0.23
56	unknown	64.383	3.29
57	unknown	64.553	0.08
58	(2E,6E)-Farnesol	64.9	0.28
59	unknown	65.1	0.44
60	(6R,7R)-Bisabolone	65.257	0.35
61	Drimenol	65.402	1.86
62	unknown	65.782	0.1
63	unknown	66.063	0.03
64	unknown	66.162	0.09
65	unknown	66.353	0.02
66	unknown	66.567	0.01
67	unknown	66.632	0.01
68	unknown	66.878	0.02
69	unknown	66.961	0.07
	Total identified		90.36%



Jade Bloom

HEALTH, HEALING & HAPPINESS

FID1 - A:Signal #1 Amyris\_1188\_69953\_40\_25.D



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