

GC-MS Profiling Analysis Prepared for Jade Bloom, Inc

Date: February 7, 2020
Sample: Sage
Type: Essential Oil
Source: Eastern Europe
Batch: 190924258

Peak	Compound	RT	Area Sum %
1	unknown	6.222	0.62
2	unknown	6.532	0.11
3	Tricyclene	8.992	0.19
4	α -Thujene	9.347	0.17
5	α -Pinene	9.644	3.9
6	Camphene	10.387	5.84
7	Sabinene + β -Pinene	11.952	1.8
8	1-Octen-3-ol	12.475	0.18
9	β -Myrcene	13.155	1.38
10	α -Phellandrene	13.767	0.15
11	α -Terpinene	14.602	0.37
12	p-Cymene	15.163	0.84
13	Limonene + 1,8-Cineole	15.623	11.5
14	(Z)- β -Ocimene	16.382	0.16
15	(E)- β -Ocimene	17.087	0.07
16	γ -Terpinene	17.635	0.56
17	α -Terpinolene	19.807	0.49
18	α -Thujone	21.397	30.44
19	β -Thujone	22.046	4.22
20	1-Octen-3-yl-acetate	22.288	0.04
21	unknown	22.584	0.07
22	α -Campholenal	22.73	0.04
23	Camphor	24.152	17.26
24	unknown	24.637	0.04
25	unknown	24.785	0.06
26	Borneol	25.807	1.84
27	δ -Terpineol	25.947	0.35
28	Terpinen-4-ol	26.777	0.42
29	p-Cymen-8-ol	27.592	0.09
30	α -Terpineol	27.945	0.18
31	Myrtenal	28.38	0.05
32	Myrtenol	28.552	0.07
33	Bornyl acetate	35.878	2
34	trans-Sabinyl acetate	36.689	0.32
35	Thymol analogue II	37.617	0.1
36	α -Terpinyl acetate	41.132	0.08
37	α -Copaene	42.822	0.06
38	β -Caryophyllene	46.17	4.22
39	Aromadendrene	47.588	0.1
40	unknown	48.09	0.18
41	α -Humulene	48.822	4.32
42	unknown	48.995	0.23
43	Alloaromadendrene	49.284	0.16
44	γ -Muurolene	50.815	0.05
45	unknown	51.4	0.06

46	Viridiflorene	52.073	0.37
47	γ -Cadinene	53.575	0.05
48	δ -Cadinene	54.45	0.07
49	Caryophyllene oxide	58.343	0.22
50	Viridiflorol	59.124	2.48
51	unknown	59.609	0.09
52	Humulene epoxide II	60.292	0.33
53	unknown	61.901	0.12
54	unknown	63.017	0.08
55	unknown	65.631	0.06
56	unknown	65.989	0.04
57	unknown	67.203	0.08
58	unknown	67.412	0.05
59	Manool	68.549	0.53
60	unknown	70.369	0.02
61	unknown	70.395	0.02
62	unknown	70.59	0.02
	Total identified		98.73%

