



## Holy Basil Essential Oil

Peak	Compound	RT	Area Sum %
1	2,5-Diethyltetrahydrofuran	7.11	0.03
2	$\alpha$ -Thujene	8.364	0.01
3	$\alpha$ -Pinene	8.603	0.31
4	Camphene	9.268	0.32
5	Sabinene	10.707	0.03
6	$\beta$ -Pinene	10.75	0.18
7	3-Octenol	11.342	0.01
8	$\beta$ -Myrcene	11.893	0.03
9	Octanal	12.7	0.01
10	$\alpha$ -Terpinene	13.282	0.01
11	Limonene	14.041	0.23
12	1,8-Cineole	14.151	0.27
13	(Z)- $\beta$ -Ocimene	15	0.03
14	(E)- $\beta$ -Ocimene	15.673	0.77
15	$\gamma$ -Terpinene	16.192	0.02
16	Octanol	17.56	0.03
17	$\alpha$ -Terpinolene	18.328	0.03
18	Linalool	19.502	0.26
19	Camphor	22.316	0.2
20	Borneol	24.147	0.47
21	Terpinen-4-ol	25.226	0.02
22	Methyl chavicol	27.242	0.01
23	$\alpha$ -Cubebene	39.347	0.12
24	Eugenol	40.691	42.21
25	$\alpha$ -Copaene	41.32	1
26	$\beta$ -Bourbonene	41.909	0.31
27	cis- $\beta$ -Elemene	42.247	0.83
28	unknown	42.592	0.18
29	$\beta$ -Elemene	42.972	19.19
30	Methyleugenol	44.551	2.61
31	$\beta$ -Caryophyllene	44.724	20.47
32	$\beta$ -Copaene	45.393	0.15
33	trans- $\alpha$ -Bergamotene	46.349	1.1
34	$\alpha$ -Humulene	47.159	1.37
35	cis-Muurolo-4(14),5-diene	47.974	0.07
36	(E)- $\beta$ -Farnesene	48.467	0.1
37	Germacrene D	49.399	2.23
38	$\beta$ -Selinene	49.689	1.29
39	$\alpha$ -Selinene	50.44	1.46
40	unknown	51.143	0.12
41	$\gamma$ -Cadinene	52.022	0.13
42	Kessane	52.773	0.06
43	$\delta$ -Cadinene	52.935	0.45
44	$\alpha$ -Elemol	55.028	0.11
45	Caryophyllene oxide	56.829	0.56

46	epi-Cubenol	59.248	0.07
47	$\beta$ -Acorenol	59.479	0.05
48	$\tau$ -Cadinol	61.566	0.03
49	$\beta$ -Eudesmol	61.856	0.03
50	Neointermedeol	62.064	0.25
51	unknown	62.184	0.05
52	unknown	62.561	0.02
53	unknown	63.007	0.03
54	unknown	64.002	0.05
55	unknown	64.363	0.04
	<b>Total identified</b>		<b>99.51%</b>



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