

GCMS ANALYSIS

PRODUCT NAME: Lavender Bulgaria Essential Oil

Date: June 27, 2024

PRODUCT ID: LAVENDER-BG-HB

Peak	Compound	RT	Area Sum %
1	Butyl acetate	4.613	0.01
2	Furfural	4.902	0.14
3	(2E)-Hexenal	5.785	0.02
4	cis-2-Hexenol	6.235	0.06
5	Tricyclene	8.203	0.02
6	α -Thujene	8.523	0.13
7	α -Pinene	8.786	0.25
8	Camphene	9.471	0.15
9	Sabinene + β -Pinene	10.912	0.09
10	1-Octen-3-ol	11.472	0.31
11	3-Octanone	11.869	1.49
12	β -Myrcene	12.129	0.84
13	3-Octanol	12.453	0.27
14	Butyl butylate	12.514	0.09
15	α -Phellandrene	12.73	0.04
16	β -Carene	13.081	0.13
17	α -Terpinene	13.541	0.05
18	Hexyl acetate	13.714	0.53
19	o-Cymene	13.942	0.03
20	p-Cymene	14.075	0.18
21	Limonene + β -Phellandrene	14.31	0.73
22	1,8-Cineole	14.416	0.79
23	(Z)- β -Ocimene	15.293	4.53

24	(E)- β -Ocimene	15.976	2.7
25	γ -Terpinene	16.509	0.19
26	cis-Sabinene hydrate	17.065	0.06
27	cis-Linalool oxide	17.538	0.15
28	α -Terpinolene	18.656	0.1
29	trans-Linalool oxide	18.747	0.1
30	Linalool	20.11	30.12
31	Hotrienol	20.249	0.09
32	1-Octen-3-yl-acetate	21.111	1.07
33	Allo-Ocimene	22.095	0.49
34	Camphor	22.691	0.19
35	Hexyl isobutyrate	23.966	0.06
36	Borneol	24.544	0.46
37	Lavandulol	25.238	0.97
38	Terpinen-4-ol	25.636	4.87
39	Cryptone	26.234	0.2
40	m-Cymen-8-ol	26.461	0.05
41	α -Terpineol	26.772	1.17
42	Hexyl butyrate	27.554	0.38
43	unknown	29.226	0.03
44	Bornyl formate	29.668	0.03
45	Nerol	30.215	0.08
46	Hexyl isovalerate	30.68	0.07
47	Carvone	31.192	0.09
48	Linalyl acetate	32.984	31.63
49	Bornyl acetate	34.696	0.13
50	Lavandulol acetate	35.802	3.31

51	Neryl acetate	41.68	0.37
52	β -Bourbonene	42.279	0.05
53	Geranyl acetate	43.278	0.68
54	Hexyl hexanoate	43.504	0.07
55	β -Caryophyllene	44.932	3.65
56	α -Santa lene	45.382	0.46
57	trans- α -Berga mote ne	46.715	0.12
58	Sesquisabinene A	47.359	0.04
59	α -Humulene	47.534	0.12
60	Lavandulyl butyrate	48.43	0.11
61	(E)- β -Famesene	48.858	3.64
62	Germacrene D	49.772	0.4
63	trans- β -Bergamotene	50.378	0.06
64	β -Bisabolene	50.97	0.02
65	γ -Cadinene	52.427	0.12
66	unknown	52.789	0.02
67	unknown	53.04	0.03
68	unknown	55.025	0.04
69	Caryophyllene oxide	57.175	0.31
70	t-Cadinol	61.681	0.06
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	Total Identified		99.92%
	Total Reported		100.00%

Due to volume turnover, this report is not lot specific. It is representative of the quality of this oil produced by the manufacturer of this product. Specific lots may vary slightly as is the case in natural products.