

GCMS ANALYSIS

PRODUCT NAME: Helichrysum Gymnocephalum Essential Oil

Date: September 23,

PRODUCT ID: HELICHRYSUM-GYMNOCEPHALUM-MG-HB

2024

Peak	Compound	RT	Area Sum %
1	(3Z)-Hexenol	5.832	0.03
2	alpha-Thujene	8.538	0.62
3	alpha-Pinene	8.799	3.38
4	Camphene	9.48	0.13
5	Benzaldehyde	10.231	0.01
6	Sabinene	10.93	1.91
7	beta-Pinene	10.994	3.2
8	2,3-Dehydro-1,8-cineole	11.926	2.2
9	beta-Myrcene	12.146	1.06
10	alpha-Phellandrene	12.751	0.13
11	alpha-Terpinene	13.561	1.07
12	p-Cymene	14.127	1.64
13	1,8-Cineole + Limonene	14.676	69.36
14	(Z)-beta-Ocimene	15.307	0.02
15	(E)-beta-Ocimene	15.999	0.04
16	gamma-Terpinene	16.528	2.74
17	trans-Sabinene hydrate	17.078	0.11
18	cis-Linalool oxide	17.591	0.02
19	alpha-Terpinolene	18.66	0.58
20	cis-Sabinene hydrate	19.372	0.1
21	Linalool	19.837	0.5
22	unknown	20.17	0.04
23	endo-Fenchol	20.456	0.03

24	cis-para-Menth-2-en-1-ol	21.148	0.16
25	unknown	22.163	0.02
26	trans-Pinocarveol	22.337	0.03
27	trans-p-Menth-2-en-1-ol	22.632	0.07
28	Borneol	24.57	0.04
29	delta-Terpineol	24.84	0.94
30	Terpinen-4-ol	25.617	3.36
31	p-Cymen-8-ol	26.462	0.04
32	alpha-Terpineol	26.802	1.43
33	Myrtenal	27.026	0.17
34	Myrtenol	27.191	0.05
35	cis-Piperitol	28.272	0.02
36	trans-Ascaridole glycol	35.827	0.03
37	exo-2-Hydroxycineole acetate	39.48	0.03
38	Cyclosativene 2	40.809	0.06
39	alpha-Copaene	41.687	0.22
40	Sativene	42.582	0.04
41	beta-Caryophyllene	44.927	1.06
42	beta-Copaene	45.777	0.04
43	Aromandendrene	46.428	0.03
44	alpha-Humulene	47.575	1
45	alpha-Guaiene	48.12	0.03
46	Alloaromadendrene	48.397	0.06
47	trans-Cadina-1(6),4-diene	49.423	0.06
48	gamma-Muurolene	49.702	0.11
49	beta-Selinene	50.107	0.06
50	alpha-Selinene	50.865	0.12

51	alpha-Muuroolene	51.59	0.15
52	gamma-Cadinene	52.47	0.53
53	delta-Cadinene	53.375	0.8
54	beta-Curcumene	53.872	0.03
55	alpha-Cadinene	54.272	0.07
56	Caryophyllene oxide	57.254	0.04
57	Humulene epoxide 2	59.195	0.06
58	unknown	60.587	0.09
59	tau-Cadinol + Cubenol	61.807	0.03
60	geranyl-alpha-terpinene	67.632	0.03
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	Total Identified		99.88%
	Total Reported		100.03%

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.