

## GCMS ANALYSIS

PRODUCT NAME: Dill Weed Essential Oil

PRODUCT ID: DILL-WEED-US-HB

Date: September 23,

2024

Peak	Compound	RT	Area Sum %
1	cis-3-Hexen-1-ol	6.507	0.05
2	cis-2-Hexenol	6.939	0.02
3	Hexanol	7.04	0.03
4	alpha-Thujene	9.602	0.11
5	alpha-Pinene	9.885	0.55
6	Camphene	10.637	0.03
7	Sabinene	12.19	0.06
8	beta-Pinene	12.272	0.03
9	2,3-Dehydro-1,8-cineole	13.274	0.02
10	beta-Myrcene	13.492	0.39
11	alpha-Phellandrene	14.222	19.59
12	alpha-Terpinene	14.982	0.04
13	p-Cymene	15.557	0.48
14	Limonene	15.967	33.68
15	(Z)-beta-Ocimene	16.776	0.04
16	(E)-beta-Ocimene	17.492	0.02
17	gamma-Terpinene	18.05	0.02
18	cis-Sabinene hydrate	18.621	0.02
19	Fenchone	20.11	0.01
20	alpha-Terpinolene	20.25	0.05
21	p-Cymenene	20.311	0.04
22	unknown	21.499	0.02
23	trans-2,8-p-Mentha-dien-1-ol	22.753	0.05

24	cis-Limonene oxide	23.756	0.04
25	trans-Limonene oxide	24.146	0.02
26	Camphor	24.394	0.01
27	unknown	25.102	0.02
28	unknown	25.327	0.02
29	Terpinen-4-ol	27.276	0.05
30	Dill ether	27.942	5.61
31	cis-Dihydrocarvone	28.929	0.49
32	trans-Dihydrocarvone	29.485	0.91
33	Dihydrocarveol	30.638	0.08
34	trans-Carveol	31.027	0.06
35	Neodihydrocarveol	31.776	0.1
36	unknown	32.108	0.08
37	Carvone	33.184	36.89
38	unknown	35.089	0.03
39	cis-Carvone oxide	35.772	0.02
40	unknown	38.803	0.03
41	trans-Carveyl acetate	40.944	0.04
42	cis-Carvyl Acetate	42.91	0.03
43	unknown	45.044	0.01
44	Germacrene D	51.544	0.04
45	unknown	65.749	0.04
46	unknown	65.951	0.01
47	unknown	66.029	0.01
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	<b>Total Identified</b>		<b>99.72%</b>
	<b>Total Reported</b>		<b>99.99%</b>

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.