



Jade Bloom

Health, Healing, & Happiness®

Date: July 8, 2022

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Tangerine - JB2235-257983

Type: Essential oil

Source: Citrus reticulata

Country of origin: USA

ANALYSIS

Method: 10152018_10:1split.m - Analysis of the composition of an essential oil, or other volatile liquid, by GC-FID, identifications validated by GC-MS.

Analysis date: July 8, 2022

Physical aspect: Reddish to Orange liquid

CONCLUSION

No adulterant, contaminant or diluent has been detected using this method.

Peak	Compound	RT	Area Sum %
1	α -Thujene	8.586	0.09
2	α -Pinene	8.843	0.81
3	Sabinene + β -Pinene	10.977	0.5
4	β -Myrcene	12.207	2.08
5	α -Phellandrene	12.815	0.03
6	Octanal	12.987	0.02
7	δ 3-carene	13.167	0.04
8	α -Terpinene	13.636	0.04
9	p-Cymene	14.236	0.31
10	Limonene	14.75	93.03
11	(E)- β -Ocimene	16.064	0.06
12	γ -Terpinene	16.592	1.68
13	Octanol	17.865	0.03
14	α -Terpinolene	18.727	0.08
15	Linalool	19.888	0.22
16	Nonanal	20.297	0.02
17	cis-Limonene oxide	22.192	0.04
18	cis-p-Mentha-2,8-dien-1-ol	22.367	0.04
19	trans-Limonene oxide	22.58	0.03
20	Citronellal	24.174	0.01
21	α -Terpineol	26.827	0.04
22	Decanal	28.526	0.09
23	cis-Carveol	29.278	0.03
24	Carvone	31.173	0.06
25	Perilla aldehyde	33.533	0.04
26	α -Copaene	41.705	0.06
27	β -Cubebene	42.985	0.05
28	β -Elemene	43.212	0.03
29	β -Caryophyllene	44.935	0.02
30	unknown	45.179	0.03
31	β -Copaene	45.813	0.02
32	(E)- β -Farnesene	48.876	0.03
33	Germacrene D	49.801	0.04
34	Valencene	52.861	0.05
35	(3E,6E)- α -Farnesene	53.352	0.04
36	δ -Cadinene	55.297	0.03
37	α -Elemol	63.912	0.01
38	α -Sinensal	65.017	0.07
39	unknown	75.871	0.05
40	unknown	78.165	0.04
41	unknown	78.373	0.01
	Total identified		99.87%

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