



Jade Bloom

Health, Healing, & Happiness®

Date: August 8, 2022

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Pink Grapefruit – JB2073-572923

Type: Essential oil

Source: Citrus x paradisi cv. Pink

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: April 2020

Physical aspect: Bright yellow/orange liquid

CONCLUSION

No adulterant or contaminant has been detected in this oil.

Peak	Compound	RT	Area Sum %
1	α -Pinene	9.357	0.6
2	Sabinene + β -Pinene	11.6	0.4
3	β -Myrcene	12.902	2.2
4	α -Phellandrene	13.518	0.04
5	Octanal	13.682	0.34
6	Limonene	15.655	92.81
7	(E)- β -Ocimene	16.866	0.08
8	γ -Terpinene	17.413	0.01
9	Octanol	18.703	0.04
10	Linalool	20.762	0.09
11	Nonanal	21.153	0.06
12	trans-2,8-p-Mentha-dien-1-ol	22.109	0.03
13	cis-Limonene oxide	23.107	0.03
14	trans-Limonene oxide	23.486	0.03
15	Citronellal	25.059	0.05
16	α -Terpineol	27.762	0.05
17	Decanal	29.453	0.3
18	trans-Carveol	30.233	0.05
19	Neral	32.198	0.06
20	Perilla aldehyde	34.498	0.02
21	Citral	34.773	0.08
22	Undecanal	37.892	0.02
23	α -Copaene	42.705	0.12
24	β -Cubebene	43.991	0.11
25	β -Elemene	44.288	0.09
26	β -Caryophyllene	45.955	0.33
27	α -Humulene	48.602	0.06
28	(E)- β -Farnesene	49.849	0.04
29	Germacrene D	50.837	0.1
30	Bicyclogermacrene	52.049	0.04
31	δ -Cadinene	54.386	0.13
32	α -Elemol	56.284	0.07
33	unknown	64.246	0.04
34	Nootkatone	65.941	0.02
35	Bergaptene	68.54	0.02
36	Osthole	69.177	0.07
37	unknown	69.591	0.04
38	unknown	69.752	0.07
39	Isoauraptene	69.899	0.11
40	unknown	70.047	0.05
41	Auraptanol	70.206	0.08
42	unknown	70.603	0.02
43	Auraptene	71.938	0.68
44	unknown	72.881	0.04
45	unknown	73.003	0.04

46	unknown	73.143	0.02
47	unknown	74.275	0.07
48	unknown	75.975	0.01
49	unknown	76.015	0.08
50	unknown	79.707	0.06
	Total identified		99.51%



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