



Jade Bloom

Health, Healing, & Happiness®

Date: May 23, 2022

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Templin Fir Cone JB1019-2134234

Type: Pine cone

Source: Abies alba mill

Country of Origin: Slovenia

ANALYSIS

Method: 101min_FAME.m - Fatty acid profiling of a vegetable oil or a plant by hydrolysis and derivatization (FAMEs).

Analysis date: June, 2019

Physical aspect: Colorless

CONCLUSION

No adulterant or contaminant has been detected in this oil.

Peak	Compound	RT	Area Sum %
1	Tricyclene	9.26	0.03
2	α -Thujene	9.606	0.05
3	α -Pinene	9.882	18.61
4	Camphene	10.636	0.27
5	Verbenene	10.988	0.09
6	β -Pinene	12.267	3.4
7	β -Myrcene	13.487	1.67
8	unknown	14.063	0.02
9	p-Cymene	15.531	0.39
10	Limonene	15.796	72.52
11	(E)- β -Ocimene	17.487	0.05
12	unknown	18.062	0.05
13	Bornyl acetate	36.608	0.14
14	α -Cubebene	41.477	0.13
15	α -Copaene	43.426	0.09
16	Funebrene<beta->	44.709	0.16
17	β -Elemene	44.92	0.09
18	unknown	45.342	0.09
19	β -Caryophyllene	46.675	0.28
20	unknown	47.369	0.09
21	α -Caryophyllene	49.326	0.16
22	α -Muurolene	53.297	0.13
23	γ -Cadinene	54.19	0.24
24	δ -Cadinene	55.073	0.51
	Total identified		100%

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