



Jade Bloom
Health, Healing, & Happiness®

HEALTH & BEAUTY NATURAL OILS CO., INC.

Date: May 24, 2022

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Nutmeg Oil - JB1995-389823

Type: Essential oil

Source: Myristica fragrans

ANALYSIS

Method: 101min_FAME.m - Fatty acids profiling of a vegetable oil or a plant by hydrolysis and derivatisation (FAMES).

Analysis date: May, 2019

Physical aspect: Light yellow liquid

CONCLUSION

No adulterant or contaminant has been detected in this oil.

Peak	Compound	RT	Area Sum %
1	Tricyclene	8.921	0.02
2	α -Thujene	9.283	1.89
3	α -Pinene	9.667	20.06
4	Camphene	10.272	0.38
5	Thuja-2,4(10)-diene	10.632	0.01
6	m-Cymene	11.586	0.04
7	Sabinene + β -Pinene	11.987	33.94
8	β -Myrcene	13.102	2.35
9	δ -2-Carene	13.459	0.01
10	α -Phellandrene	13.699	0.89
11	δ 3-carene	14.06	0.93
12	α -Terpinene	14.568	3.04
13	p-Cymene	15.093	0.86
14	Limonene + 1,8-Cineole	15.42	6.52
15	(Z)- β -Ocimene	16.309	0.04
16	(E)- β -Ocimene	17.019	0.05
17	γ -Terpinene	17.641	4.52
18	cis-Sabinene hydrate	18.119	0.23
19	α -Terpinolene	19.764	1.7
20	trans-Sabinene hydrate	20.437	0.2
21	unknown	20.737	0.1
22	Linalool	20.92	0.24
23	endo-Fenchol	21.552	0.05
24	cis-para-Menth-2-en-1-ol	22.24	0.14
25	trans-Pinocarveol	23.425	0.02
26	trans-para-Menth-2-en-1-ol	23.716	0.1
27	unknown	24.126	0.02
28	unknown	24.302	0.03
29	Borneol	25.692	0.04
30	Terpinen-4-ol	26.866	4.75
31	p-Cymen-8-ol	27.566	0.04
32	α -Terpineol	27.931	0.73
33	cis-Piperitol	28.26	0.07
34	Myrtenol	29.362	0.06
35	Safrole	35.937	1.9
36	unknown	37.12	0.08
37	unknown	37.896	0.32
38	α -Cubebene	40.895	0.08
39	α -Terpinyl acetate	41.118	0.15
40	Eugenol	41.696	0.34
41	Citronellol acetate	41.9	0.1
42	α -Copaene	42.824	0.35
43	Geranyl acetate	44.355	0.25
44	Methyleugenol	45.883	0.34
45	β -Caryophyllene	46.052	0.06

46	trans- α -Bergamotene	47.833	0.15
47	α -Humulene	48.94	0.76
48	γ -Muurolene	50.832	0.02
49	Germacrene D	50.914	0.03
50	Methyl isoeugenol	53.094	0.08
51	β -Bisabolene	53.593	0.09
52	Myristicin	54.842	9.7
53	trans-Cadina-1,4-diene	55.011	0.03
54	Elemicine	57.652	0.37
55	Isoelemicin	60.762	0.43
56	unknown	71.986	0.14
57	unknown	74.256	0.16
	Total identified		99.15%