

Client



Source



Peppermint, Hungarian (Mentha x piperita)

HU-59418 - Hungary

Sample

Peppermint, Hungarian (Mentha x piperita)

Identification #: HU-59418

Type:..... Essential Oil

CAS Number:... 8006-90-4

Nature's Gift

Properties

Country Of Origin Hungary

Specific Gravity NT

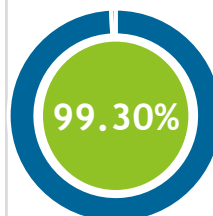
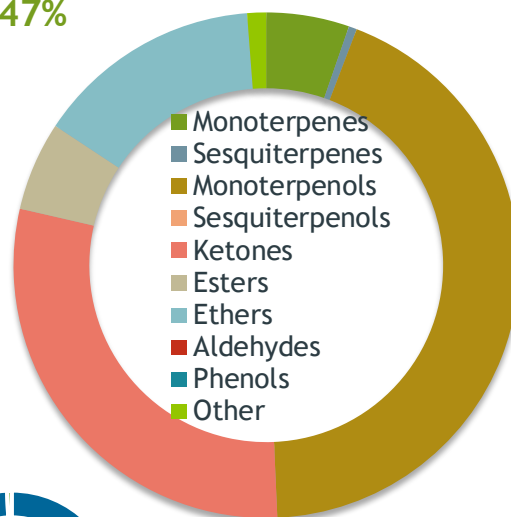
Refractive Index NT

Primary

36.68%Menthol22.34%Menthone10.98%1,8-Cineole

Monoterpenols

43.47%



Percentage Identified

Result



12/9/2024

Conclusion

No evidence of Germacrene D or Viridiflorol were found in this oil - which we expect in Peppermint - because of this we can't pass this oil despite the other marker compounds falling within their correct levels. Manual Verification was done to ensure no m

Internal Number: | EVS-6439



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306
Gainesville, FL 32601

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	5.31%
Sesquiterpenes	0.52%
Monoterpenols	43.47%
Sesquiterpenols	0.00%
Ketones	29.29%
Esters	5.70%
Ethers	14.50%
Aldehydes	0.00%
Phenols	0.00%
Other	1.21%

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Peppermint, Hungarian (*Mentha x piperita*)

HU-59418

Total Percentage		99.30%		
Number	RT	Area %	Compound Name	Chemical Family
1	6.06	0.03%	1-Hexanol	Aliphatic Alcohol
2	6.87	0.02%	2,5-Diethyltetrahydrofuran	Furan
3	7.92	0.04%	alpha-Thujene	Monoterpene
4	8.18	1.37%	alpha-Pinene	Monoterpene
5	8.78	0.13%	Camphene	Monoterpene
6	8.88	0.10%	3-Methyl cyclohexanone	Aliphatic Ketone
7	9.73	0.44%	Sabinene	Monoterpene
8	9.89	1.32%	beta-Pinene	Monoterpene
9	10.13	0.04%	1-Octen-3-ol	Aliphatic Alcohol
10	10.22	0.05%	3-p-Menthene	Monoterpene
11	10.30	0.04%	Octan-3-one	Aliphatic Ketone
12	10.47	0.46%	Myrcene	Monoterpene
13	10.84	0.38%	3-Octanol	Aliphatic Alcohol
14	11.01	0.02%	Pseudolimonene	Monoterpene
15	11.12	0.06%	alpha-Phellandrene	Monoterpene
16	11.22	0.01%	delta-3-Carene	Monoterpene
17	11.59	0.14%	alpha-Terpinene	Monoterpene
18	11.94	0.53%	para-Cymene	Monoterpene
19	12.28	10.98%	1,8-Cineole	Monoterpene Ether
20	12.51	0.11%	(Z)-beta-Ocimene	Monoterpene
21	12.96	0.04%	(E)-beta-Ocimene	Monoterpene
22	13.43	0.42%	gamma-Terpinene	Monoterpene
23	13.98	0.43%	trans-Sabinene hydrate	Monoterpenol
24	14.17	0.04%	1-Octanol	Aliphatic Alcohol
25	14.65	0.14%	Terpinolene	Monoterpene
26	14.88	0.01%	para-Cymenene	Monoterpene
27	15.20	0.01%	alpha-Pinene oxide	Monoterpene Ether
28	15.44	0.32%	Linalool	Monoterpenol
29	15.68	0.01%	Isoamyl isovalerate	Aliphatic Ester
30	15.78	0.03%	2-Methyl Butyl Isovalerate	Monoterpene Ester
31	16.12	0.01%	alpha-Thujone	Monoterpene Ketone
32	16.68	0.02%	Alloocimene	Monoterpene
33	17.40	0.01%	Camphor	Monoterpene Ketone
34	17.61	0.16%	neo-Isopulegol	Monoterpenol
35	18.07	22.34%	Menthone	Monoterpene Ketone

