

Client



Source



Eucalyptus, Peppermint (Eucalyptus dives
ct piperitone)

ZA-59416 - South Africa

Sample

Eucalyptus, Peppermint (Eucalyptus dives

Identification #: ZA-59416

Type:..... Essential Oil

CAS Number:...

Nature's Gift

Properties

Country Of Origin South Africa

Specific Gravity NT

Refractive Index NT

Primary

38.54%

Piperitone

19.24%

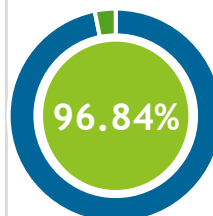
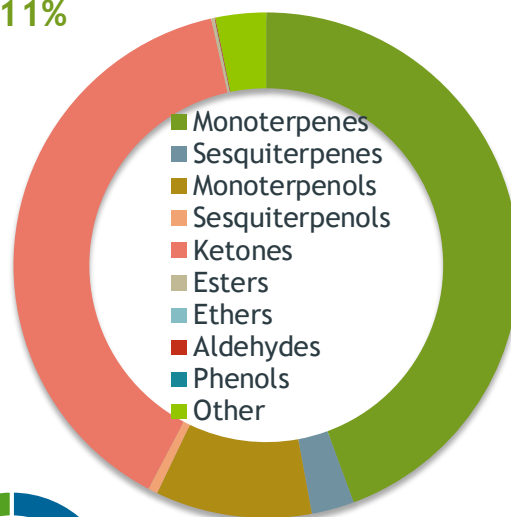
alpha-Phellandrene

5.65%

Terpinen-4-ol

Monoterpenes

44.11%



Percentage
Identified

Result



12/9/2024

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Eucalyptus, Peppermint (Eucalyptus dives ct piperitone)

Internal Number: | EVS-6437



Essential Validation
Services

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

317.361.5044 |

<https://essentialvalidationservices.com/>

Alan Christen

Monoterpenes	44.11%	44.11
Sesquiterpenes	2.71%	2.71
Monoterpenols	9.94%	9.94
Sesquiterpenols	0.61%	0.61
Ketones	38.54%	38.54
Esters	0.19%	0.19
Ethers	0.03%	0.03
Aldehydes	0.05%	0.05
Phenols	0.00%	0.00
Other	3.21%	3.21

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Total Percentage		96.84%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.39	0.01%	3-Methylpentanol	Aliphatic Alcohol
2	6.26	0.01%	Isoamyl acetate	Aliphatic Ester
3	6.35	0.01%	1-Hexanol	Aliphatic Alcohol
4	7.95	4.30%	alpha-Thujene	Monoterpene
5	8.18	0.71%	alpha-Pinene	Monoterpene
6	9.73	0.28%	Sabinene	Monoterpene
7	9.89	0.07%	beta-Pinene	Monoterpene
8	10.49	2.21%	Myrcene	Monoterpene
9	11.26	19.24%	alpha-Phellandrene	Monoterpene
10	11.62	2.15%	alpha-Terpinene	Monoterpene
11	11.98	4.42%	para-Cymene	Monoterpene
12	12.22	5.15%	beta-Phellandrene	Monoterpene
13	12.51	0.08%	(Z)-beta-Ocimene	Monoterpene
14	12.97	0.71%	(E)-beta-Ocimene	Monoterpene
15	13.45	1.33%	gamma-Terpinene	Monoterpene
16	13.99	0.03%	trans-Sabinene hydrate	Monoterpenol
17	14.69	3.35%	Terpinolene	Monoterpene
18	14.89	0.07%	para-Cymenene	Monoterpene
19	15.42	1.24%	Linalool	Monoterpenol
20	15.90	0.01%	1,3,8-para-Menthatriene	Monoterpene
21	16.44	0.46%	trans-para-Menth-2-en-1-ol	Monoterpenol
22	16.68	0.02%	Alloocimene	Monoterpene
23	16.86	0.01%	para-Menthatriene	Monoterpene
24	17.28	0.33%	cis-para-Menth-2-en-1-ol	Monoterpenol
25	17.57	0.02%	trans-Limonene oxide	Monoterpene Ether
26	18.56	0.01%	Ethyl benzoate	Phenolic Ester
27	18.67	0.07%	Borneol	Monoterpenol
28	19.07	5.65%	Terpinen-4-ol	Monoterpenol
29	19.53	0.08%	para-Cymen-8-ol	Monoterpenol
30	19.77	1.83%	alpha-Terpineol	Monoterpenol
31	20.46	0.18%	trans-Piperitol	Monoterpenol
32	21.67	0.01%	Citral	Monoterpene Aldehyde
33	22.70	38.54%	Piperitone	Monoterpene Ketone
34	23.06	0.04%	Geranial	Monoterpene Aldehyde
35	24.58	0.07%	Carvacrol	Monoterpenol



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