

Client



Source



Ravintsara (Cinnamomum camphora)

MG-59434 - Madagascar

Sample

Ravintsara (Cinnamomum camphora)

Identification #: MG-59434

Type:..... Essential Oil

CAS Number:... 8008-51-3

Nature's Gift

Properties

Country Of Origin | Madagascar

Specific Gravity | NT

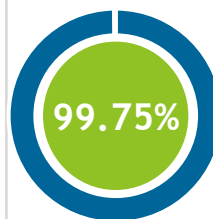
Refractive Index | NT

Primary

43.65%1,8-Cineole13.37%Sabinene11.01%alpha-Terpineol

Ethers

43.73%



Percentage Identified

- Monoterpenes
- Sesquiterpenes
- Monoterpenols
- Sesquiterpenols
- Ketones
- Esters
- Ethers
- Aldehydes
- Phenols
- Other

Result



1/28/2025

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Ravintsara (Cinnamomum camphora)

Internal Number: | EVS-6561



Essential Validation
Services

240 Goose Hollow Road

Berthoud, CO 80513

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	33.02%	33.02
Sesquiterpenes	4.06%	4.06
Monoterpenols	18.65%	18.65
Sesquiterpenols	0.13%	0.13
Ketones	0.05%	0.05
Esters	0.00%	0.00
Ethers	43.73%	43.73
Aldehydes	0.03%	0.03
Phenols	0.05%	0.05
Other	0.28%	0.28

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Total Percentage		99.75%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.62	0.02%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
2	6.05	0.01%	1-Hexanol	Aliphatic Alcohol
3	7.74	0.01%	Tricyclene	Monoterpene
4	7.91	1.33%	alpha-Thujene	Monoterpene
5	8.17	5.98%	alpha-Pinene	Monoterpene
6	8.56	0.01%	Thuja-2,4(10)-diene	Monoterpene
7	8.76	0.30%	Camphene	Monoterpene
8	9.75	13.37%	Sabinene	Monoterpene
9	9.90	4.58%	beta-Pinene	Monoterpene
10	10.26	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
11	10.46	2.20%	Myrcene	Monoterpene
12	11.10	0.13%	alpha-Phellandrene	Monoterpene
13	11.58	1.26%	alpha-Terpinene	Monoterpene
14	11.98	0.91%	para-Cymene	Monoterpene
15	12.35	43.65%	1,8-Cineole	Monoterpene Ether
16	12.49	0.09%	(Z)-beta-Ocimene	Monoterpene
17	12.94	0.39%	(E)-beta-Ocimene	Monoterpene
18	13.42	1.92%	gamma-Terpinene	Monoterpene
19	13.94	1.17%	trans-Sabinene hydrate	Monoterpenol
20	14.63	0.53%	Terpinolene	Monoterpene
21	14.86	0.01%	para-Cymenene	Monoterpene
22	15.33	0.92%	cis-Sabinene hydrate	Monoterpenol
23	16.40	0.18%	cis-para-Menth-2-en-1-ol	Monoterpenol
24	17.11	0.01%	trans-Pinocarveol	Monoterpenol
25	17.24	0.11%	trans-para-Menth-2-en-1-ol	Monoterpenol
26	17.36	0.02%	Camphor	Monoterpene Ketone
27	18.53	1.29%	delta-Terpineol	Monoterpenol
28	18.99	3.77%	Terpinen-4-ol	Monoterpenol
29	19.22	0.02%	Cryptone	Monoterpene Ketone
30	19.36	0.02%	para-Cymen-8-ol	Monoterpenol
31	19.76	11.01%	alpha-Terpineol	Monoterpenol
32	20.32	0.05%	trans-Piperitol	Monoterpenol
33	21.05	0.10%	Nerol	Monoterpenol
34	21.63	0.01%	Neral	Monoterpene Aldehyde
35	22.98	0.02%	Geranial	Monoterpene Aldehyde

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Number	RT	Area %	Compound Name	Chemical Family
36	23.229	0.02%	trans-Ascaridol glycol	Monoterpene Aldehyde
37	23.87	0.02%	Safrole	Phenylpropanoid
38	25.71	0.12%	delta-Elemene	Sesquiterpene
39	26.37	0.02%	alpha-Cubebene	Sesquiterpene
40	26.62	0.02%	Eugenol	Phenylpropanoid
41	27.28	0.03%	alpha-Ylangene	Sesquiterpene
42	27.56	0.02%	alpha-Copaene	Sesquiterpene
43	27.87	0.03%	beta-Bourbonene	Sesquiterpene
44	28.18	0.20%	beta-Elemene	Sesquiterpene
45	28.73	0.01%	Methyl eugenol	Phenylpropanoid
46	28.86	0.01%	alpha-Gurjunene	Sesquiterpene
47	29.35	0.91%	beta-Caryophyllene	Sesquiterpene
48	29.84	0.11%	gamma-Elemene	Sesquiterpene
49	30.13	0.04%	Aromadendrene	Sesquiterpene
50	30.30	0.01%	6,9-Guaiadiene	Sesquiterpene
51	30.82	1.19%	alpha-Humulene	Sesquiterpene
52	31.00	0.01%	9-epi-(E)-Caryophyllene	Sesquiterpene
53	31.60	0.04%	gamma-Selinene	Sesquiterpene
54	31.68	0.02%	gamma-Murolene	Sesquiterpene
55	31.88	0.36%	Germacrene D	Sesquiterpene
56	32.18	0.30%	beta-Selinene	Sesquiterpene
57	32.31	0.10%	Viridiflorene	Sesquiterpene
58	32.48	0.44%	Bicyclogermacrene	Sesquiterpene
59	32.66	0.01%	alpha-Murolene	Sesquiterpene
60	32.99	0.01%	(E,E)-alpha-Farnesene	Sesquiterpene
61	33.21	0.01%	gamma-Cadinene	Sesquiterpene
62	33.43	0.05%	delta-Cadinene	Sesquiterpene
63	34.61	0.01%	Elemol	Sesquiterpenol
64	34.90	0.02%	Germacrene B	Sesquiterpene
65	35.64	0.03%	Spathulenol	Sesquiterpenol
66	35.79	0.04%	Caryophyllene oxide	Sesquiterpene Ether
67	35.97	0.01%	Maaliol	Sesquiterpenol
68	36.30	0.01%	Viridiflorol	Sesquiterpenol
69	36.46	0.03%	Guaiol	Sesquiterpenol
70	36.85	0.04%	Humulene epoxide II	Sesquiterpene Ether

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[illegible]