

Client



Source

**Ravintsara** (*Cinnamomum camphora*)

EVS-2026-NG-17

Sample

Ravintsara (*Cinnamomum camphora*)

Batch #: MG-59544
Type: Essential Oil
Origin: Madagascar
CAS #: 8008-51-3

Client

**NATURE'S
GIFT**

Properties

RI: NT
SG: NT

Primary

53.97% | 1,8-Cineole
13.20% | Sabinene
7.07% | alpha-Terpineol
5.53% | alpha-Pinene

Result

**Pass**

Meets specifications

ANALYSIS SUMMARY

Total Compounds: 49

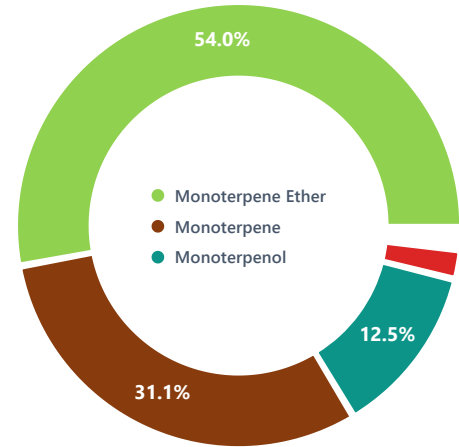
Lab

**Essential Validation Services**

EO Testing Lab

240 Goose Hollow Road
 Berthoud, Colorado 80513

Phone: (317) 361-5044

essentialvalidation.com**CHEMICAL FAMILY BREAKDOWN****TOTAL CONTENT IDENTIFIED**

99.8% identified

0.2% unidentified

PROFESSIONAL ANALYSIS SUMMARY

Analysis of this Ravintsara (*Cinnamomum camphora*) Essential Oil sample was conducted against the Ravintsara (*Cinnamomum camphora*) standard specification. The chromatographic analysis accounted for 99.8% of the total sample composition. All major constituents were found to be within the expected ranges specified in the standard. No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Ravintsara (*Cinnamomum camphora*).

Adam Christensen • May 20, 2026

Conclusion

Adam Christensen

Analyst Signature

Date

Mar 21, 2026

CHEMICAL FAMILY DISTRIBUTION

Client



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Expected vs. Detected Components

Comparison against EVS Internal Standard for Ravintsara (*Cinnamomum camphora*) - Essential Validation Services

Compound	Expected	Detected	Status	Family
1 1,8-Cineole	53.00-62.00%	53.97%	✓	Monoterpene Ether
2 Sabinene	1.00-15.00%	13.20%	✓	Monoterpene
3 alpha-Terpineol	4.00-9.00%	7.07%	✓	Monoterpenol
4 alpha-Pinene	4.00-7.50%	5.53%	✓	Monoterpene
5 beta-Pinene	2.50-4.00%	4.27%	!	Monoterpene
6 Terpinen-4-ol	1.50-4.00%	3.15%	✓	Monoterpenol
7 gamma-Terpinene	0.50-2.50%	1.12%	✓	Monoterpene
8 Myrcene	0.50-2.00%	1.65%	✓	Monoterpene
9 alpha-Thujene	0.30-1.40%	1.20%	✓	Monoterpene
10 delta-Terpineol	0.00-1.20%	0.69%	✓	Monoterpenol
11 Terpinolene	0.00-0.60%	0.32%	✓	Monoterpene
12 Camphene	0.00-0.50%	0.27%	✓	Monoterpene

Professional Analysis Summary

1 Sample Analysis

This Ravintsara (*Cinnamomum camphora*) sample shows 49 detected compounds (49 identified, 100.0% rate).

2 Major Components

Predominant: 1,8-Cineole (54.0%), Sabinene (13.2%), alpha-Terpineol (7.1%), +7 others.

3 Chemical Profile

8 chemical families: Monoterpene Ether, Monoterpene, Monoterpenol, +5 others.

4 Quality Assessment

Sample meets specifications for Ravintsara (*Cinnamomum camphora*).



Total Percentage:

99.81%

Number	RT	Area %	Compound Name	Chemical Family
1	8.43	0.03%	(E)-Hex-3-en-1-ol	Aliphatic Alcohol
2	10.25	0.01%	5.72 Methyl-(3E)-hexenoate	Unknown
3	10.37	1.20%	alpha-Thujene ✓ (0.30%-1.40%)	Monoterpene
4	10.66	5.53%	alpha-Pinene ✓ (4.00%-7.50%)	Monoterpene
5	11.08	0.02%	alpha-Fenchene	Monoterpene
6	11.16	0.27%	Camphene ✓ (0.00%-0.50%)	Monoterpene
7	11.83	13.20%	Sabinene ✓ (1.00%-15.00%)	Monoterpene
8	12.04	4.27%	beta-Pinene ⚠ (2.50%-4.00%)	Monoterpene
9	12.16	1.65%	Myrcene ✓ (0.50%-2.00%)	Monoterpene
10	12.83	0.06%	alpha-Phellandrene	Monoterpene
11	13.25	0.64%	alpha-Terpinene	Monoterpene
12	13.51	1.63%	para-Cymene	Monoterpene
13	13.70	0.92%	Limonene	Monoterpene
14	13.91	53.97%	1,8-Cineole ✓ (53.00%-62.00%)	Monoterpene Ether
15	14.17	0.27%	(E)-beta-Ocimene	Monoterpene
16	14.75	1.12%	gamma-Terpinene ✓ (0.50%-2.50%)	Monoterpene
17	15.10	0.57%	trans-Sabinene hydrate	Monoterpenol
18	15.93	0.32%	Terpinolene ✓ (0.00%-0.60%)	Monoterpene
19	16.14	0.05%	Linalool	Monoterpenol
20	16.32	0.40%	cis-Sabinene hydrate	Monoterpenol
21	17.27	0.11%	cis-para-Menth-2-en-1-ol	Monoterpenol
22	17.35	0.01%	Alloocimene	Monoterpene
23	17.98	0.08%	trans-para-Menth-2-en-1-ol	Monoterpenol
24	19.15	0.69%	delta-Terpineol ✓ (0.00%-1.20%)	Monoterpenol
25	19.22	0.13%	Borneol	Monoterpenol
26	19.64	3.15%	Terpinen-4-ol ✓ (1.50%-4.00%)	Monoterpenol
27	19.82	0.02%	para-Cymen-8-ol	Monoterpenol
28	20.04	0.02%	Cryptone	Monoterpene Ketone
29	20.16	7.07%	alpha-Terpineol ✓ (4.00%-9.00%)	Monoterpenol
30	20.38	0.05%	cis-Piperitol	Monoterpenol
31	20.83	0.04%	trans-Piperitol	Monoterpenol

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**Ravintsara** (*Cinnamomum camphora*)

EVS-2026-NG-17

Number	RT	Area %	Compound Name	Chemical Family
32	21.51	0.05%	Nerol	Monoterpenol
33	23.47	0.07%	trans-Ascaridol glycol	Monoterpenol
34	26.52	0.07%	delta-Elemene	Sesquiterpene
35	27.05	0.02%	alpha-Cubebene	Sesquiterpene
36	28.82	0.10%	beta-Elemene	Sesquiterpene
37	30.20	0.52%	beta-Caryophyllene	Sesquiterpene
38	30.52	0.06%	gamma-Elemene	Sesquiterpene
39	31.01	0.04%	alpha-Guaiene	Sesquiterpene
40	31.60	0.62%	alpha-Humulene	Sesquiterpene
41	32.35	0.02%	gamma-Gurjunene	Sesquiterpene
42	32.67	0.11%	Germacrene D	Sesquiterpene
43	32.92	0.13%	beta-Selinene	Sesquiterpene
44	33.26	0.22%	alpha-Selinene	Sesquiterpene
45	34.19	0.01%	delta-Cadinene	Sesquiterpene
46	36.49	0.07%	Spathulenol	Sesquiterpenol
47	36.79	0.07%	Caryophyllene oxide	Sesquiterpene Ether
48	37.78	0.06%	Humulene epoxide II	Sesquiterpene Ether
49	38.72	0.07%	Isospathulenol	Sesquiterpenol

