



## Ravintsara

### Cinnamomum camphora

Batch No. MA-59288

Madagascar

#### Monoterpenes 31.69%

sabinene	15.29
$\alpha$ pinene	5.44
$\beta$ pinene	4.23
myrcene	2.21
$\gamma$ terpinene	1.18
$\alpha$ thujene	0.99
para cymene	0.68
$\alpha$ terpinene	0.68
terpinolene	0.35
(E) $\beta$ ocimene	0.26
camphene	0.22
$\alpha$ phellandrene	0.09
(Z) $\beta$ ocimene	0.06
tricyclene	0.01

#### Monoterpenols 14.47%

$\alpha$ terpineol	9.21
terpinen-4-ol	3.11
$\delta$ terpineol	0.97
cis-sabinene hydrate	0.43
trans sabinene hydrate	0.3
cis-para-menth-2-en-1-ol	0.15
nerol	0.13
trans-para-menth-2-en-1-ol	0.09
trans-piperitol	0.04
para-cymen-8-ol	0.02
trans-pinocarveol	0.01
trans-verbenol	0.01

#### Aldehydes 0.02%

neral	0.01
geranial	0.01

#### Esters 0.01%

cis-sabinyol acetate	0.01
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#### Ethers 50.36%

1,8 cineole	50.29
humulene epoxide II	0.03
caryophyllene oxide	0.03
$\alpha$ pinene oxide	0.01

#### Ketones 0.03%

6-methyl-5-hepten-2-one	0.01
cryptone	0.02

#### Other 0.01%

(Z) hex-3-en-1-ol	0.01
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#### Sesquiterpenes 2.71%

$\alpha$ humulene	0.80
$\beta$ caryophyllene	0.61
bicyclogermacrene	0.28
germacrene D	0.26
$\beta$ selinene	0.22
$\beta$ elemene	0.17
$\delta$ elemene	0.08
$\gamma$ elemene	0.08
viridiflorene	0.05
aromadendrene	0.02
$\beta$ bourbonene	0.02
$\alpha$ cubebene	0.02
$\gamma$ selinene	0.02
$\gamma$ muurolene	0.01
$\alpha$ ylangene	0.01
$\alpha$ copaene	0.01
6,9-guaiadiene	0.01
allo-aromadendrene	0.01
(E,E) $\alpha$ farnesene	0.01
$\delta$ cadinene	0.01
germacrene B	0.01

#### Sesquiterpenols 0.07%

isospathulenol	0.03
spathulenol	0.02
guaiol	0.01
$\alpha$ 11-selinol-4	0.01

Client



Source



Ravintsara (*Cinnamomum camphora*)  
MG-59288

Sample

Ravintsara (*Cinnamomum camphora*)  
Batch #:..... MG-59288  
Type:..... Essential Oil  
CAS Number:... 8008-51-3  
Nature's Gift

Client



Website

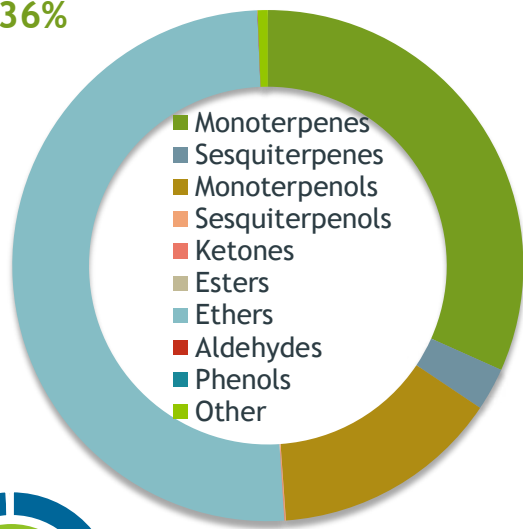


Primary

50.29% | 1,8-Cineole  
15.29% | Sabinene  
9.21% | alpha-Terpineol

Ethers

50.36%



Percentage Identified

Result



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-5335



Essential Validation Services

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

317.361.5044 | <https://essentialvalidationservices.com/>

*Alan Christen*

Monoterpenes	31.69%	31.69%
Sesquiterpenes	2.71%	2.71%
Monoterpenols	14.47%	14.47%
Sesquiterpenols	0.07%	0.07%
Ketones	0.03%	0.03%
Esters	0.01%	0.01%
Ethers	50.36%	50.36%
Aldehydes	0.02%	0.02%
Phenols	0.00%	0.00%
Other	0.64%	0.64%

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Client



Source

Ravintsara (*Cinnamomum camphora*)

MG-59288

Total Percentage		99.37%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.50	0.01%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
2	7.56	0.01%	Tricyclene	Monoterpene
3	7.73	0.99%	alpha-Thujene	Monoterpene
4	7.99	5.44%	alpha-Pinene	Monoterpene
5	8.57	0.22%	Camphene	Monoterpene
6	9.59	15.29%	Sabinene	Monoterpene
7	9.71	4.23%	beta-Pinene	Monoterpene
8	10.07	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
9	10.27	2.21%	Myrcene	Monoterpene
10	10.90	0.09%	alpha-Phellandrene	Monoterpene
11	11.37	0.68%	alpha-Terpinene	Monoterpene
12	11.84	0.68%	para-Cymene	Monoterpene
13	12.21	50.29%	1,8-Cineole	Monoterpene Ether
14	12.31	0.06%	(Z)-beta-Ocimene	Monoterpene
15	12.75	0.26%	(E)-beta-Ocimene	Monoterpene
16	13.22	1.18%	gamma-Terpinene	Monoterpene
17	13.72	0.43%	cis-Sabinene hydrate	Monoterpenol
18	14.42	0.35%	Terpinolene	Monoterpene
19	14.95	0.01%	alpha-Pinene oxide	Monoterpene Ether
20	15.10	0.30%	trans-Sabinene hydrate	Monoterpenol
21	16.17	0.15%	cis-para-Menth-2-en-1-ol	Monoterpenol
22	16.86	0.01%	trans-Pinocarveol	Monoterpenol
23	17.01	0.09%	trans-para-Menth-2-en-1-ol	Monoterpenol
24	17.54	0.01%	trans-Verbenol	Monoterpenol
25	18.31	0.97%	delta-Terpineol	Monoterpenol
26	18.78	3.11%	Terpinen-4-ol	Monoterpenol
27	18.98	0.02%	Cryptone	Monoterpene Ketone
28	19.15	0.02%	para-Cymen-8-ol	Monoterpenol
29	19.56	9.21%	alpha-Terpineol	Monoterpenol
30	20.10	0.04%	trans-Piperitol	Monoterpenol
31	20.84	0.13%	Nerol	Monoterpenol
32	21.41	0.01%	Neral	Monoterpene Aldehyde
33	22.78	0.01%	Geranial	Monoterpene Aldehyde
34	24.40	0.01%	cis-Sabinyl acetate	Monoterpene Ester
35	25.51	0.08%	delta-Elementene	Sesquiterpene

Client



Source



Ravintsara (Cinnamomum camphora)
MG-59288

Table with 5 columns: Number, RT, Area %, Compound Name, Chemical Family. Rows include compounds like alpha-Cubebene, alpha-Ylangene, alpha-Copaene, etc.

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