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Balancing Body, Mind and Spirit with Pure Essential Oils

Since 1995

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Bergamot Mint

Mentha citrata

Batch No. US-59309

United States

Monoterpenes 2.84%

myrcene	1.2
(E) β ocimene	0.65
(Z) β ocimene	0.35
limonene	0.31
terpinolene	0.09
alloocimene	0.06
γ terpinene	0.05
sabinene	0.04
β pinene	0.04
para-cymene	0.02
δ terpineol	0.02
α pinene	0.01

Monoterpenols 20.52%

linalool	18.87
α terpineol	1.12
(E) linalool oxide (5	0.24
nerol	0.23
(Z) linalool oxide (5	0.03
terpinen-4-ol	0.03

Aldehydes 0.01%

(E) 2-hexenal	0.01
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Ketones 0.07%

isopinocampone	0.05
carvone	0.02

Esters 71.68%

linalyl acetate	67.98
geranyl acetate	1.51
neryl acetate	0.77
octan-3-yl acetate	0.6
1-octenyl-3 acetate	0.36
2-methylbutyl 2 methylbutyrate	0.22
linalool formate	0.06
2-methylbutyl isobutyrate	0.03
citronellyl acetate	0.02
nonyl acetate	0.02
octenol acetate	0.02
octanol acetate	0.02
(Z) 3-hexenyl isovalerate	0.02
(E) linalool oxide acetate (	0.02
myrtenyl acetate	0.01
2-methylbutyl acetate	0.01
geranyl formate	0.01

Ethers 0.58%

1,8-cineole	0.5
caryophyllene oxide	0.06
(Z) dehydroxylinalol oxid	0.02

Sesquiterpenes 3.35%

isocaryophyllene	2.15
germacrene D	0.92
β elemene	0.08
α humulene	0.07
β copaene	0.04
α copaene	0.02
γ muurolene	0.02
allo-aromadendrene	0.01
bicyclogermacrene	0.01
γ cadinene	0.01
(E) β farnesene	0.01
α muurolene	0.01

Sesquiterpenols 0.37%

viridiflorol	0.3
cubebol	0.07

Other 0.14%

cis-jasmone	0.07
2,5-diethyltetrahydr	0.03
3-octanol	0.02
1-octen-3-ol	0.01
dihydro-Edulan II	0.01

Client



Source

Bergamot Mint (*Mentha citrata*)

US-59309

Sample

Bergamot Mint (*Mentha citrata*)

Batch #:..... US-59309

Type:..... Essential Oil

CAS Number:.... 68917-15-7

Nature's Gift

Client



Website

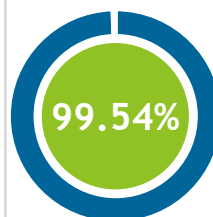
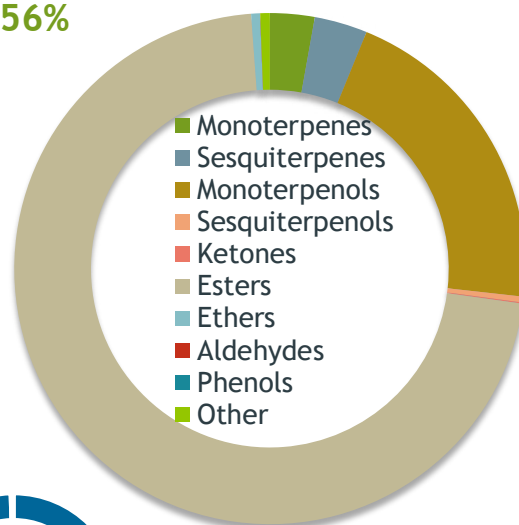


Primary

67.98%Linalyl acetate**18.87%**Linalool**2.15%**Isocaryophyllene

Esters

71.56%



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 Bergamot Mint (*Mentha citrata*)

Internal Number: | EVS-5473



Essential Validation
Services

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

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	2.82%
Sesquiterpenes	3.35%
Monoterpenols	20.56%
Sesquiterpenols	0.37%
Ketones	0.07%
Esters	71.56%
Ethers	0.56%
Aldehydes	0.01%
Phenols	0.00%
Other	0.60%

Client



Source

Bergamot Mint (*Mentha citrata*)

US-59309

Total Percentage		99.54%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.38	0.01%	(E)-2-Hexenal	Aliphatic Aldehyde
2	6.12	0.01%	2-Methylbutyl acetate	Aliphatic Ester
3	6.65	0.03%	2,5-Diethyltetrahydrofuran	Furan
4	7.92	0.01%	alpha-Pinene	Monoterpene
5	9.45	0.04%	Sabinene	Monoterpene
6	9.61	0.04%	beta-Pinene	Monoterpene
7	9.85	0.01%	1-Octen-3-ol	Aliphatic Alcohol
8	10.20	1.20%	Myrcene	Monoterpene
9	10.55	0.02%	3-Octanol	Aliphatic Alcohol
10	10.83	0.02%	cis-Dehydroxylinalool oxide	Monoterpenol
11	11.32	0.03%	2-Methylbutyl isobutyrate	Aliphatic Ester
12	11.63	0.02%	para-Cymene	Monoterpene
13	11.83	0.31%	Limonene	Monoterpene
14	11.92	0.50%	1,8-Cineole	Monoterpene Ether
15	12.21	0.35%	(Z)-beta-Ocimene	Monoterpene
16	12.67	0.65%	(E)-beta-Ocimene	Monoterpene
17	13.13	0.05%	gamma-Terpinene	Monoterpene
18	13.69	0.03%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
19	14.35	0.09%	Terpinolene	Monoterpene
20	14.42	0.24%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
21	15.24	18.87%	Linalool	Monoterpenol
22	15.30	0.22%	2-Methylbutyl 2-methylbutyrate	Aliphatic Ester
23	15.52	0.36%	1-Octenyl-3 acetate	Monoterpene Ester
24	16.05	0.60%	Octan-3-yl acetate	Aliphatic Ester
25	16.38	0.06%	Alloocimene	Monoterpene
26	18.24	0.02%	delta-Terpineol	Monoterpenol
27	18.40	0.05%	Isopinocampone	Monoterpene Ketone
28	18.68	0.03%	Terpinen-4-ol	Monoterpenol
29	19.40	1.12%	alpha-Terpineol	Monoterpenol
30	19.96	0.02%	15.67 Octenol acetate<2Z->	0.00
31	20.21	0.06%	Linalool formate	0.00
32	20.49	0.02%	Octanol acetate	
33	20.85	0.23%	Nerol	Monoterpenol
34	21.08	0.02%	cis-3-Hexenyl isovalerate	Aliphatic Ester
35	21.58	0.02%	Carvone	Monoterpene Ketone

Bergamot Mint (Mentha citrata)
US-59309

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