

Client



Source



Bergamot Mint (*Mentha citrata*)  
US-58852

Sample

Bergamot Mint (*Mentha citrata*)

Batch #:..... US-58852

Type:..... Essential Oil

CAS Number:... 68917-15-7

Nature's Gift

Client



Website

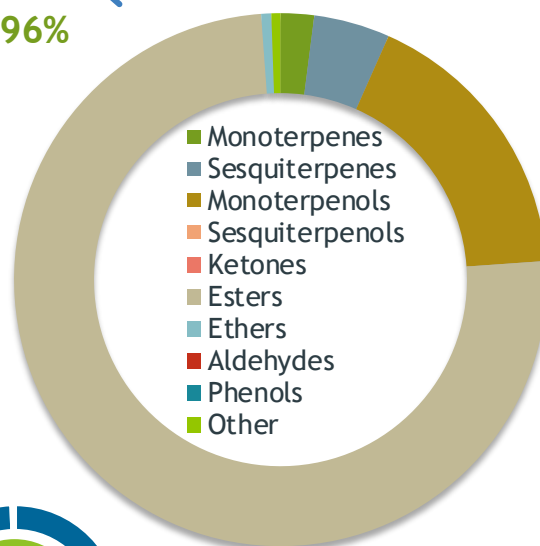


Primary

73.09%Linalyl acetate16.12%Linalool2.75%beta-Caryophyllene

## Esters

74.96%



Percentage  
Identified

Result

**APPROVED**

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-2631



*Essential Validation Services*

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

317.361.5044 | [essentialvalidation.com](http://essentialvalidation.com)

[adam@essentialvalidation.com](mailto:adam@essentialvalidation.com)

*Adam Christen*

|                 |        |
|-----------------|--------|
| Monoterpenes    | 2.03%  |
| Sesquiterpenes  | 4.62%  |
| Monoterpenols   | 17.23% |
| Sesquiterpenols | 0.00%  |
| Ketones         | 0.00%  |
| Esters          | 74.96% |
| Ethers          | 0.61%  |
| Aldehydes       | 0.00%  |
| Phenols         | 0.00%  |
| Other           | 0.55%  |



**Bergamot Mint (*Mentha citrata*)**  
**US-58852**

| Total Percentage |       | 99.45% |                                |         |                     |
|------------------|-------|--------|--------------------------------|---------|---------------------|
| Number           | RT    | Area % | Compound Name                  | RI      | Chemical Family     |
| 1                | 13.91 | 0.03%  | Sabinene                       | 973.00  | Monoterpene         |
| 2                | 14.53 | 0.58%  | beta-Pinene                    | 974.00  | Monoterpene         |
| 3                | 14.73 | 0.01%  | Myrcene                        | 989.20  | Monoterpene         |
| 4                | 15.57 | 0.01%  | alpha-Terpinene                | 1014.00 | Monoterpene         |
| 5                | 16.09 | 0.19%  | para-Cymene                    | 1024.30 | Monoterpene         |
| 6                | 16.17 | 0.61%  | Limonene                       | 1029.50 | Monoterpene         |
| 7                | 16.48 | 0.19%  | 1,8-Cineole                    | 1031.80 | Monoterpene Ether   |
| 8                | 16.90 | 0.26%  | (Z)-beta-Ocimene               | 1037.80 | Monoterpene         |
| 9                | 17.34 | 0.05%  | gamma-Terpinene                | 1054.00 | Monoterpene         |
| 10               | 18.51 | 0.28%  | Terpinolene                    | 1092.10 | Monoterpene         |
| 11               | 19.09 | 16.12% | Linalool                       | 1099.00 | Monoterpenol        |
| 12               | 19.30 | 0.07%  | 2-Methylbutyl 2-methylbutyrate | 1102.10 | Aliphatic Ester     |
| 13               | 19.42 | 0.22%  | Octen-3-yl acetate             | 1107.00 | Monoterpene Ester   |
| 14               | 19.90 | 0.39%  | 3-Octyl acetate                | 1124.00 | Aliphatic Ester     |
| 15               | 20.16 | 0.01%  | Alloocimene                    | 1129.90 | Monoterpene         |
| 16               | 21.93 | 0.05%  | Terpinen-4-ol                  | 1180.57 | Monoterpenol        |
| 17               | 22.60 | 0.97%  | alpha-Terpineol                | 1191.71 | Monoterpenol        |
| 18               | 23.98 | 0.09%  | Nerol                          | 1230.67 | Monoterpenol        |
| 19               | 25.05 | 73.09% | Linalyl acetate                | 1263.80 | Monoterpene Ester   |
| 20               | 28.55 | 0.46%  | Neryl acetate                  | 1362.90 | Monoterpene Ester   |
| 21               | 29.18 | 0.73%  | Geranyl acetate                | 1379.20 | Monoterpene Ester   |
| 22               | 29.47 | 0.13%  | beta-Elemene                   | 1389.20 | Sesquiterpene       |
| 23               | 30.63 | 2.75%  | beta-Caryophyllene             | 1427.14 | Sesquiterpene       |
| 24               | 31.71 | 0.11%  | alpha-Humulene                 | 1461.43 | Sesquiterpene       |
| 25               | 32.56 | 1.53%  | Germacrene D                   | 1484.71 | Sesquiterpene       |
| 26               | 33.78 | 0.10%  | delta-Cadinene                 | 1524.14 | Sesquiterpene       |
| 27               | 35.92 | 0.42%  | Caryophyllene oxide            | 1594.86 | Sesquiterpene Ether |
|                  |       |        |                                |         |                     |
|                  |       |        |                                |         |                     |
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