

Client



Source



Sage, White (Salvia apiana)

US-59447 - USA

Sample

Sage, White (Salvia apiana)

Identification #: US-59447

Type:..... Essential Oil

CAS Number:...

Nature's Gift

Properties

Country Of Origin USA

Specific Gravity NT

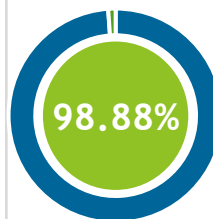
Refractive Index NT

Primary

31.40%1,8-Cineole27.02%Camphor6.22%alpha-Pinene

## Ethers

31.52%



Percentage Identified

Result



3/21/2025

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Sage, White (Salvia apiana)

Internal Number: | EVS-6645



Essential Validation  
Services

240 Goose Hollow Road

Berthoud, CO 80513

317.361.5044 |

<https://essentialvalidationservices.com/>

|                 |        |       |
|-----------------|--------|-------|
| Monoterpenes    | 26.18% | 26.18 |
| Sesquiterpenes  | 9.08%  | 9.08% |
| Monoterpenols   | 3      | 3.16% |
| Sesquiterpenols |        | 1.29% |
| Ketones         | 27.09% | 27.09 |
| Esters          |        | 0.20% |
| Ethers          | 31.52% | 31.52 |
| Aldehydes       |        | 0.02% |
| Phenols         |        | 0.01% |
| Other           |        | 1.29% |

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| Total Percentage |       | 98.88% |                        |                    |
|------------------|-------|--------|------------------------|--------------------|
| Number           | RT    | Area % | Compound Name          | Chemical Family    |
| 1                | 4.25  | 0.01%  | Hexanal                | Aliphatic Aldehyde |
| 2                | 5.61  | 0.01%  | (E)-2-Hexenal          | Aliphatic Aldehyde |
| 3                | 5.67  | 0.01%  | (E)-Hex-3-en-1-ol      | Aliphatic Alcohol  |
| 4                | 7.17  | 0.01%  | Bornylene              | Monoterpene        |
| 5                | 7.72  | 0.04%  | Hashishene             | Monoterpene        |
| 6                | 7.80  | 0.11%  | Tricyclene             | Monoterpene        |
| 7                | 7.96  | 0.39%  | alpha-Thujene          | Monoterpene        |
| 8                | 8.24  | 6.22%  | alpha-Pinene           | Monoterpene        |
| 9                | 8.84  | 4.47%  | Camphene               | Monoterpene        |
| 10               | 8.99  | 0.01%  | Thuja-2,4(10)-diene    | Monoterpene        |
| 11               | 9.77  | 0.14%  | Sabinene               | Monoterpene        |
| 12               | 9.95  | 5.81%  | beta-Pinene            | Monoterpene        |
| 13               | 10.21 | 0.14%  | 1-Octen-3-ol           | Aliphatic Alcohol  |
| 14               | 10.33 | 0.03%  | Octan-3-one            | Aliphatic Ketone   |
| 15               | 10.52 | 2.21%  | Myrcene                | Monoterpene        |
| 16               | 10.86 | 0.01%  | 2-Carene               | Monoterpene        |
| 17               | 11.06 | 0.12%  | Pseudolimonene         | Monoterpene        |
| 18               | 11.16 | 0.39%  | alpha-Phellandrene     | Monoterpene        |
| 19               | 11.27 | 2.19%  | delta-3-Carene         | Monoterpene        |
| 20               | 11.64 | 0.43%  | alpha-Terpinene        | Monoterpene        |
| 21               | 11.79 | 0.05%  | para-Cymene            | Monoterpene        |
| 22               | 12.03 | 0.65%  | ortho-Cymene           | Monoterpene        |
| 23               | 12.40 | 31.40% | 1,8-Cineole            | Monoterpene Ether  |
| 24               | 12.56 | 0.72%  | (Z)-beta-Ocimene       | Monoterpene        |
| 25               | 13.01 | 0.32%  | (E)-beta-Ocimene       | Monoterpene        |
| 26               | 13.48 | 0.75%  | gamma-Terpinene        | Monoterpene        |
| 27               | 14.01 | 0.12%  | trans-Sabinene hydrate | Monoterpenol       |
| 28               | 14.53 | 0.05%  | Isoterpinolene         | Monoterpene        |
| 29               | 14.70 | 0.81%  | Terpinolene            | Monoterpene        |
| 30               | 14.92 | 0.02%  | para-Cymenene          | Monoterpene        |
| 31               | 15.00 | 0.02%  | 2-Nonanone             | Monoterpene Ketone |
| 32               | 15.50 | 0.46%  | Linalool               | Monoterpenol       |
| 33               | 15.66 | 0.04%  | Hotrienol              | Monoterpenol       |
| 34               | 16.10 | 0.01%  | 12.70 Ocimene<allo->   | 0.00               |
| 35               | 16.35 | 0.03%  | Fenchol                | Monoterpenol       |

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| Number | RT     | Area % | Compound Name              | Chemical Family       |
|--------|--------|--------|----------------------------|-----------------------|
| 36     | 16.569 | 0.10%  | trans-para-Menth-2-en-1-ol | Monoterpenol          |
| 37     | 16.73  | 0.14%  | Alloocimene                | Monoterpene           |
| 38     | 17.60  | 27.02% | Camphor                    | Monoterpene Ketone    |
| 39     | 17.84  | 0.03%  | Camphene hydrate           | Monoterpenol          |
| 40     | 18.04  | 0.01%  | trans-Limonene oxide       | Monoterpene Ether     |
| 41     | 18.16  | 0.01%  | Pinocarvone                | Monoterpene Ketone    |
| 42     | 18.34  | 0.02%  | Isoborneol                 | Monoterpenol          |
| 43     | 18.63  | 1.01%  | Borneol                    | Monoterpenol          |
| 44     | 19.04  | 0.72%  | Terpinen-4-ol              | Monoterpenol          |
| 45     | 19.40  | 0.05%  | para-Cymen-8-ol            | Monoterpenol          |
| 46     | 19.74  | 0.54%  | alpha-Terpineol            | Monoterpenol          |
| 47     | 20.38  | 0.01%  | trans-Piperitol            | Monoterpenol          |
| 48     | 21.12  | 0.02%  | Nerol                      | Monoterpenol          |
| 49     | 22.32  | 0.01%  | Piperitone                 | Monoterpene Ketone    |
| 50     | 23.39  | 0.01%  | cis-Carvone oxide          |                       |
| 51     | 23.69  | 0.15%  | Bornyl acetate             | Monoterpene Ester     |
| 52     | 24.58  | 0.01%  | Carvacrol                  | Monoterpenol          |
| 53     | 25.46  | 0.02%  | 20.88 Hexenyl tiglate<3E-> | 0.00                  |
| 54     | 25.78  | 0.03%  | Hexyl tiglate              | Monoterpene Ester     |
| 55     | 26.43  | 0.14%  | alpha-Cubebene             | Sesquiterpene         |
| 56     | 26.69  | 0.01%  | Eugenol                    | Phenylpropanoid       |
| 57     | 27.25  | 0.01%  | 23.08 Undecenol<2E->       | 0.00                  |
| 58     | 27.35  | 0.02%  | alpha-Ylangene             | Sesquiterpene         |
| 59     | 27.62  | 0.34%  | alpha-Copaene              | Sesquiterpene         |
| 60     | 27.88  | 0.01%  | Geranyl acetate            | Monoterpene Ester     |
| 61     | 28.04  | 0.01%  | Methyl (E)-cinnamate       | Phenylpropanoid Ester |
| 62     | 28.16  | 0.03%  | beta-Cubebene              | Sesquiterpene         |
| 63     | 28.37  | 0.07%  | cis-Jasmone                | Jasmonate             |
| 64     | 28.82  | 0.02%  | cis-Caryophyllene          | Sesquiterpene         |
| 65     | 28.93  | 0.19%  | alpha-Gurjunene            | Sesquiterpene         |
| 66     | 29.43  | 2.36%  | beta-Caryophyllene         | Sesquiterpene         |
| 67     | 29.73  | 0.01%  | Longifolene                | Sesquiterpene         |
| 68     | 29.86  | 0.11%  | beta-Copaene               | Sesquiterpene         |
| 69     | 30.06  | 0.02%  | trans-alpha-Bergamotene    | Sesquiterpene         |
| 70     | 30.19  | 0.13%  | Aromadendrene              | Sesquiterpene         |

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|     |       |       |                                 |                     |
|-----|-------|-------|---------------------------------|---------------------|
| 72  | 30.52 | 0.07% | cis-Muurola-3,5-diene           | Sesquiterpene       |
| 73  | 30.65 | 0.14% | trans-Muurola-3,5-diene         | Sesquiterpene       |
| 74  | 30.72 | 0.04% | Geranylacetone                  | Monoterpene         |
| 75  | 30.88 | 0.20% | alpha-Humulene                  | Sesquiterpene       |
| 76  | 30.96 | 0.05% | (E)-beta-Farnesene              | Sesquiterpene       |
| 77  | 31.18 | 0.10% | cis-Muurola-4(14),5-diene       | Sesquiterpene       |
| 78  | 31.61 | 0.17% | trans-Cadina-1(6),4-diene       | Sesquiterpene       |
| 79  | 31.74 | 0.25% | gamma-Muurolene                 | Sesquiterpene       |
| 80  | 32.11 | 0.08% | 1-epi-Bicyclosesquiphellandrene | Monoterpene         |
| 81  | 32.24 | 0.11% | beta-Selinene                   | Sesquiterpene       |
| 82  | 32.52 | 0.28% | (Z,E)-alpha-Farnesene           | Sesquiterpene       |
| 83  | 32.63 | 0.06% | beta-Cadinene                   | Sesquiterpene       |
| 84  | 32.72 | 0.41% | alpha-Muurolene                 | Sesquiterpene       |
| 85  | 32.87 | 0.03% | delta-Amorphene                 | Sesquiterpene       |
| 86  | 33.14 | 0.44% | beta-Bisabolene                 | Sesquiterpene       |
| 87  | 33.27 | 0.89% | gamma-Cadinene                  | Sesquiterpene       |
| 88  | 33.52 | 1.94% | delta-Cadinene                  | Sesquiterpene       |
| 89  | 33.61 | 0.01% | trans-Calamenene                | Sesquiterpene       |
| 90  | 34.02 | 0.11% | trans-Cadina-1,4-diene          | Sesquiterpene       |
| 91  | 34.19 | 0.20% | alpha-Cadinene                  | Sesquiterpene       |
| 92  | 34.41 | 0.05% | trans-alpha-Bisabolene          | Sesquiterpene       |
| 93  | 34.96 | 0.01% | Germacrene B                    | Sesquiterpene       |
| 94  | 35.71 | 0.05% | Germacrene D-4-ol               | Sesquiterpenol      |
| 95  | 35.85 | 0.11% | Caryophyllene oxide             | Sesquiterpene Ether |
| 96  | 36.06 | 0.03% | Globulol                        | Sesquiterpenol      |
| 97  | 36.16 | 0.01% | Gleenol                         | Sesquiterpenol      |
| 98  | 36.36 | 0.01% | Viridiflorol                    | Sesquiterpenol      |
| 99  | 37.65 | 0.07% | 1,10-di-epi-Cubenol             | Sesquiterpenol      |
| 100 | 37.94 | 0.11% | Junenol                         | Sesquiterpenol      |
| 101 | 38.27 | 0.51% | T-Muurolol                      | Sesquiterpenol      |
| 102 | 38.37 | 0.03% | alpha-Muurolol                  | Sesquiterpenol      |
| 103 | 38.62 | 0.14% | beta-Eudesmol                   | Sesquiterpenol      |
| 104 | 38.69 | 0.16% | alpha-Cadinol                   | Sesquiterpenol      |
| 105 | 39.25 | 0.03% | Pogostol                        | Sesquiterpenol      |
| 106 | 39.85 | 0.14% | alpha-Bisabolol                 | Sesquiterpenol      |
| 107 | 40.04 | 0.07% | 36.31 Shyobunol                 | 0.00                |
| 108 | 47.45 | 0.05% | 44.11 Isopimara-9(11),15-diene  | 0.00                |