

Client



Source

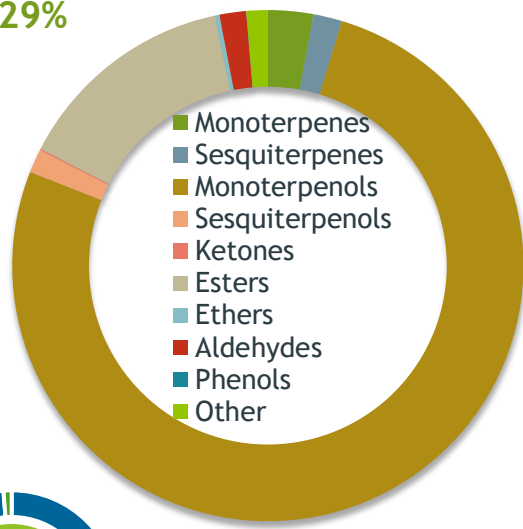
Palma Rosa (Cymbopogon martini)
NP-59224

Sample

Palma Rosa (Cymbopogon martini)
Batch #:..... NP-59224
Type:..... Essential Oil
CAS Number:.....
Nature's Gift

Monoterpenols

76.29%



Client



Website



Primary

73.76% Geraniol
11.93% Geranyl acetate
2.15% Linalool



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 Palma Rosa (Cymbopogon martini)

Internal Number: | EVS-4848



Essential Validation Services

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

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

Alan Christen

| | |
|-----------------|--------|
| Monoterpenes | 2.86% |
| Sesquiterpenes | 1.82% |
| Monoterpenols | 76.29% |
| Sesquiterpenols | 1.50% |
| Ketones | 0.08% |
| Esters | 14.10% |
| Ethers | 0.31% |
| Aldehydes | 1.68% |
| Phenols | 0.01% |
| Other | 1.35% |

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- Chromatograph image may be requested
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Client



Source

Palma Rosa (*Cymbopogon martini*)

NP-59224

| Total Percentage | | 98.77% | | |
|------------------|-------|--------|-----------------------------------|----------------------|
| Number | RT | Area % | Compound Name | Chemical Family |
| 1 | 8.13 | 0.03% | alpha-Pinene | Monoterpene |
| 2 | 8.74 | 0.03% | Camphene | Monoterpene |
| 3 | 9.53 | 0.03% | Isopropyl tiglate | Aliphatic Ester |
| 4 | 9.68 | 0.02% | Sabinene | Monoterpene |
| 5 | 9.85 | 0.03% | beta-Pinene | Monoterpene |
| 6 | 10.23 | 0.05% | 6-Methyl-5-hepten-2-one | Aliphatic Ketone |
| 7 | 10.43 | 0.19% | Myrcene | Monoterpene |
| 8 | 12.07 | 0.26% | Limonene | Monoterpene |
| 9 | 12.18 | 0.02% | 1,8-Cineole | Monoterpene Ether |
| 10 | 12.46 | 0.38% | (Z)-beta-Ocimene | Monoterpene |
| 11 | 12.92 | 1.80% | (E)-beta-Ocimene | Monoterpene |
| 12 | 13.38 | 0.01% | gamma-Terpinene | Monoterpene |
| 13 | 13.93 | 0.01% | cis-Linalool oxide (5) (furanoid) | Monoterpenol |
| 14 | 14.06 | 0.03% | 1-Octanol | Aliphatic Alcohol |
| 15 | 14.61 | 0.02% | Terpinolene | Monoterpene |
| 16 | 15.35 | 2.15% | Linalool | Monoterpenol |
| 17 | 15.45 | 0.01% | 6-Methyl-3,5-heptadien-2-one | Monoterpene Ketone |
| 18 | 16.63 | 0.08% | Alloocimene | Monoterpene |
| 19 | 16.87 | 0.01% | Limona ketone | Simple Phenolic |
| 20 | 17.72 | 0.03% | Citronellal | Monoterpene Aldehyde |
| 21 | 17.80 | 0.01% | Menthone | Monoterpene Ketone |
| 22 | 18.85 | 0.23% | Menthol | Monoterpenol |
| 23 | 19.02 | 0.01% | (E)-Isocitral | Monoterpene Aldehyde |
| 24 | 19.45 | 0.01% | Methyl salicylate | Phenolic Ester |
| 25 | 19.64 | 0.02% | alpha-Terpineol | Monoterpenol |
| 26 | 20.67 | 0.01% | beta-Cyclocitral | Monoterpene |
| 27 | 20.84 | 0.01% | Citronellol | Monoterpenol |
| 28 | 21.05 | 0.11% | Nerol | Monoterpenol |
| 29 | 21.61 | 0.62% | Citral | Monoterpene Aldehyde |
| 30 | 21.80 | 0.01% | Carvone | Monoterpene Ketone |
| 31 | 22.75 | 73.76% | Geraniol | Monoterpenol |
| 32 | 23.10 | 0.99% | Geranial | Monoterpene Aldehyde |
| 33 | 24.39 | 0.13% | Geranyl formate | Monoterpene Ester |
| 34 | 26.63 | 0.02% | Citronellyl acetate | Monoterpene Ester |
| 35 | 27.01 | 0.03% | Neryl acetate | Monoterpene Ester |

Client



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Palma Rosa (Cymbopogon martini)
NP-59224

| Number | RT | Area % | Compound Name | Chemical Family |
|--------|--------|--------|--------------------------|------------------------|
| 36 | 27.954 | 11.93% | Geranyl acetate | Monoterpene Ester |
| 37 | 28.22 | 0.07% | beta-Elemene | Sesquiterpene |
| 38 | 29.39 | 1.45% | beta-Caryophyllene | Sesquiterpene |
| 39 | 30.06 | 0.01% | cis-alpha-Bergamotene | Sesquiterpene |
| 40 | 30.85 | 0.10% | alpha-Humulene | Sesquiterpene |
| 41 | 30.95 | 0.01% | (E)-beta-Farnesene | Sesquiterpene |
| 42 | 31.15 | 0.09% | Precocene I | Chromene |
| 43 | 31.90 | 0.03% | Germacrene D | Sesquiterpene |
| 44 | 32.03 | 0.04% | gamma-Selinene | Sesquiterpene |
| 45 | 32.21 | 0.02% | beta-Selinene | Sesquiterpene |
| 46 | 32.38 | 0.03% | alpha-Selinene | Sesquiterpene |
| 47 | 33.22 | 0.03% | gamma-Cadinene | Sesquiterpene |
| 48 | 33.47 | 0.03% | beta-Cadinene | Sesquiterpene |
| 49 | 34.62 | 0.03% | Elemol | Sesquiterpenol |
| 50 | 35.05 | 0.20% | Geranyl butyrate | Monoterpene Ester |
| 51 | 35.21 | 0.11% | (E)-Nerolidol | Sesquiterpenol |
| 52 | 35.82 | 0.29% | Caryophyllene oxide | Sesquiterpene Ether |
| 53 | 36.90 | 0.06% | Geranyl 2-methylbutyrate | Monoterpene Ester |
| 54 | 37.78 | 0.01% | gamma-Eudesmol | Sesquiterpenol |
| 55 | 38.55 | 0.01% | beta-Eudesmol | Sesquiterpenol |
| 56 | 40.97 | 1.33% | (E,Z)-Farnesol | Sesquiterpenol |
| 57 | 41.68 | 0.01% | (E,E)-Farnesol | Sesquiterpenol |
| 58 | 42.19 | 1.27% | Geranyl caproate | Monoterpene Ester |
| 59 | 45.07 | 0.13% | (E,E)-Farnesyl acetate | Sesquiterpene Ester |
| 60 | 45.24 | 0.03% | Hexadecanal | Sesquiterpene Aldehyde |
| 61 | 48.76 | 0.29% | Geranyl caprylate | Monoterpene Ester |
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Nature's Gift

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