

Client



Source



Peruvian Myrtle (*Luma chequen*)
02-7412.1121PIU9A

Sample

Peruvian Myrtle (*Luma chequen*)
Batch #:..... 02-7412.1121PIU9A
Type:..... Essential Oil
CAS Number:... N/A
Natural Sourcing LLC

Client



Website

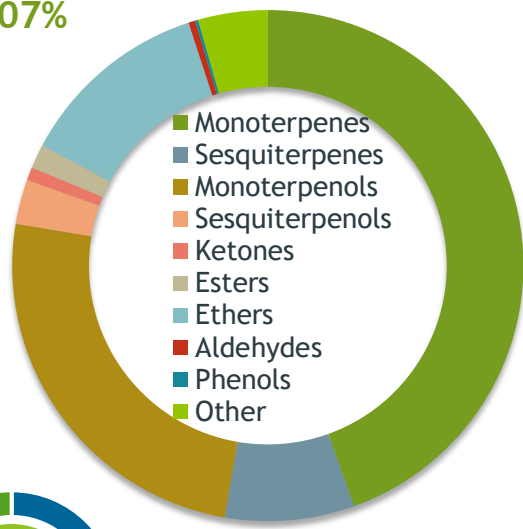


Primary

29.58% | Limonene
11.86% | 1,8-Cineole
9.07% | Linalool

Monoterpenes

44.07%



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 Peruvian Myrtle (*Luma chequen*)

Internal Number: | EVS-4936



Essential Validation Services

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

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

Alan Chastain

| | | |
|-----------------|--------|--------|
| Monoterpenes | 44.07% | 44.07% |
| Sesquiterpenes | 8.10 | 8.10% |
| Monoterpenols | 24.66% | 24.66% |
| Sesquiterpenols | 2.79% | 2.79% |
| Ketones | 0.82% | 0.82% |
| Esters | 1.51% | 1.51% |
| Ethers | 12.06% | 12.06% |
| Aldehydes | 0.42% | 0.42% |
| Phenols | 0.19% | 0.19% |
| Other | 4.36% | 4.36% |

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NATURAL SOURCING
 Cosmetic and Personal Care Ingredient Specialists
 PROUDLY SERVING YOU FOR OVER 30 YEARS

Source

Peruvian Myrtle (*Luma chequen*)

02-7412.1121PIU9A

| Total Percentage | | 95.68% | | |
|------------------|-------|--------|-------------------------------------|--------------------|
| Number | RT | Area % | Compound Name | Chemical Family |
| 1 | 4.12 | 0.01% | Hexanal | Aliphatic Aldehyde |
| 2 | 5.51 | 0.03% | (E)-Hex-3-en-1-ol | Aliphatic Alcohol |
| 3 | 5.92 | 0.02% | 1-Hexanol | Aliphatic Alcohol |
| 4 | 7.74 | 0.27% | alpha-Thujene | Monoterpene |
| 5 | 7.99 | 3.83% | alpha-Pinene | Monoterpene |
| 6 | 8.59 | 0.09% | Camphene | Monoterpene |
| 7 | 8.75 | 0.01% | Thuja-2,4(10)-diene | Monoterpene |
| 8 | 9.09 | 0.01% | Benzaldehyde | Simple Phenolic |
| 9 | 9.41 | 0.06% | Isopropyl tiglate | Aliphatic Ester |
| 10 | 9.53 | 0.05% | Sabinene | Monoterpene |
| 11 | 9.69 | 1.16% | beta-Pinene | Monoterpene |
| 12 | 10.09 | 0.08% | 6-Methyl-5-hepten-2-one | Aliphatic Ketone |
| 13 | 10.28 | 2.25% | Myrcene | Monoterpene |
| 14 | 10.81 | 0.23% | Pseudolimonene | Monoterpene |
| 15 | 10.91 | 0.37% | alpha-Phellandrene | Monoterpene |
| 16 | 11.02 | 0.07% | delta-3-Carene | Monoterpene |
| 17 | 11.38 | 0.49% | alpha-Terpinene | Monoterpene |
| 18 | 11.73 | 3.55% | para-Cymene | Monoterpene |
| 19 | 12.00 | 29.58% | Limonene | Monoterpene |
| 20 | 12.08 | 11.86% | 1,8-Cineole | Monoterpene Ether |
| 21 | 12.30 | 0.05% | (Z)-beta-Ocimene | Monoterpene |
| 22 | 12.76 | 0.07% | (E)-beta-Ocimene | Monoterpene |
| 23 | 13.22 | 1.46% | gamma-Terpinene | Monoterpene |
| 24 | 13.77 | 0.19% | cis-Linalool oxide (5) (furanoid) | Monoterpenol |
| 25 | 13.90 | 0.07% | 1-Octanol | Aliphatic Alcohol |
| 26 | 14.44 | 0.37% | Terpinolene | Monoterpene |
| 27 | 14.50 | 0.06% | trans-Linalool oxide (5) (furanoid) | Monoterpenol |
| 28 | 14.64 | 0.17% | para-Cymenene | Monoterpene |
| 29 | 15.08 | 0.01% | Perillene | Monoterpene Ether |
| 30 | 15.23 | 9.07% | Linalool | Monoterpenol |
| 31 | 15.32 | 0.07% | Hotrienol | Monoterpenol |
| 32 | 15.40 | 0.02% | Nonanal | Aliphatic Aldehyde |
| 33 | 15.94 | 0.08% | Fenchol | Monoterpenol |
| 34 | 16.09 | 0.02% | trans-para-Mentha-2,8-dien-1-ol | Monoterpenol |
| 35 | 16.20 | 0.01% | cis-para-Menth-2-en-1-ol | Monoterpenol |

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| Number | RT | Area % | Compound Name | Chemical Family |
|--------|--------|--------|------------------------------------|----------------------|
| 36 | 16.581 | 0.01% | cis-Limonene oxide | Monoterpenol |
| 37 | 16.76 | 0.03% | cis-para-Mentha-2,8-dien-1-ol | Monoterpenol |
| 38 | 16.89 | 0.04% | trans-Pinocarveol | Monoterpenol |
| 39 | 17.35 | 0.03% | cis-beta-Terpeneol | Monoterpenol |
| 40 | 17.52 | 0.02% | Camphene hydrate | Monoterpenol |
| 41 | 17.61 | 0.16% | Isomenthone | Monoterpene Ketone |
| 42 | 17.75 | 0.08% | beta-Pinene oxide | Monoterpene Ether |
| 43 | 18.33 | 0.17% | Borneol | Monoterpenol |
| 44 | 18.53 | 0.02% | 1-Nonanol | Fatty alcohol |
| 45 | 18.81 | 8.75% | Terpinen-4-ol | Monoterpenol |
| 46 | 19.00 | 0.09% | Cryptone | Monoterpene Ketone |
| 47 | 19.12 | 0.22% | trans-para-Mentha-1(7),8-dien-2-ol | Monoterpenol |
| 48 | 19.26 | 0.02% | Methyl salicylate | Phenolic Ester |
| 49 | 19.48 | 4.89% | alpha-Terpeneol | Monoterpenol |
| 50 | 19.59 | 0.18% | Methyl chavicol | Phenylpropanoid |
| 51 | 19.80 | 0.11% | cis-Pinocarveol | Monoterpenol |
| 52 | 20.11 | 0.01% | trans-Piperitol | Monoterpenol |
| 53 | 20.56 | 0.17% | trans-Carveol | Monoterpenol |
| 54 | 21.01 | 0.23% | cis-para-Mentha-1(7),8-dien-2-ol | Monoterpenol |
| 55 | 21.15 | 0.07% | cis-Carveol | Monoterpenol |
| 56 | 21.35 | 0.18% | Pulegone | Monoterpene Ketone |
| 57 | 21.43 | 0.16% | Neral | Monoterpene Aldehyde |
| 58 | 21.62 | 0.12% | Carvone | Monoterpene Ketone |
| 59 | 21.83 | 0.06% | Carvotanacetone | Monoterpene Ketone |
| 60 | 22.06 | 0.36% | Nerol | Monoterpenol |
| 61 | 22.78 | 0.20% | Citral | Monoterpene Aldehyde |
| 62 | 23.08 | 0.03% | Phellandral | Monoterpene Aldehyde |
| 63 | 23.70 | 0.01% | cis-Sabinyl acetate | Monoterpene Ester |
| 64 | 24.23 | 0.06% | Thymol | Monoterpenol |
| 65 | 24.31 | 0.03% | (Z)-Methyl cinnamate | |
| 66 | 25.19 | 0.01% | Methyl geranate | Monoterpene Ester |
| 67 | 26.21 | 0.52% | alpha-Terpinyl acetate | Monoterpene Ester |
| 68 | 26.44 | 0.04% | Citronellyl acetate | Monoterpene Ester |
| 69 | 26.81 | 0.04% | Neryl acetate | Monoterpene Ester |
| 70 | 27.00 | 0.02% | Thymyl acetate | Monoterpene Ester |
| 71 | 27.13 | 0.04% | alpha-Cubebene | Sesquiterpene |

ESSENTIAL VALIDATION SERVICES | 74 SW 27th AVE GAINESVILLE, FLORIDA 32601 | 352-350-5044

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| | | | | |
|-----|-------|-------|-------------------------------------|-----------------------|
| 72 | 27.39 | 0.16% | alpha-Copaene | Sesquiterpene |
| 73 | 27.66 | 0.05% | Geranyl acetate | Monoterpene Ester |
| 74 | 27.76 | 0.71% | Methyl (E)-cinnamate | Phenylpropanoid Ester |
| 75 | 28.02 | 0.07% | beta-Elemene | Sesquiterpene |
| 76 | 28.13 | 0.01% | Sativene | Sesquiterpene |
| 77 | 28.70 | 0.04% | beta-Maaliene | Sesquiterpene |
| 78 | 29.19 | 1.58% | beta-Caryophyllene | Sesquiterpene |
| 79 | 29.69 | 0.09% | Isocaryophyllene | Sesquiterpene |
| 80 | 29.96 | 0.16% | beta-Humulene | 0.00 |
| 81 | 30.14 | 0.04% | beta-Gurjunene | Sesquiterpene |
| 82 | 30.65 | 0.33% | alpha-Humulene | Sesquiterpene |
| 83 | 30.84 | 0.12% | Aromadendrene | Sesquiterpene |
| 84 | 31.26 | 0.04% | Seychellene | Sesquiterpene |
| 85 | 31.44 | 0.22% | gamma-Selinene | Sesquiterpene |
| 86 | 31.52 | 0.12% | cis-Muurola-4(14),5-diene | Sesquiterpene |
| 87 | 32.03 | 1.72% | allo-Aromadendrene | Sesquiterpene |
| 88 | 32.33 | 1.52% | alpha-Selinene | Sesquiterpene |
| 89 | 32.92 | 0.08% | beta-Bisabolene | Sesquiterpene |
| 90 | 33.03 | 0.29% | 28.53 Muurola-4(14),5-diene<trans-> | 0.00 |
| 91 | 33.28 | 0.54% | beta-Cadinene | Sesquiterpene |
| 92 | 33.45 | 0.05% | Valencene | Sesquiterpene |
| 93 | 33.93 | 0.69% | gamma-Cadinene | Sesquiterpene |
| 94 | 34.12 | 0.64% | alpha-Panasinsen | Sesquiterpene |
| 95 | 35.03 | 0.56% | (E)-Nerolidol | Sesquiterpenol |
| 96 | 35.63 | 0.53% | 31.35 Longipinanol<epi-> | 0.00 |
| 97 | 35.80 | 0.04% | Maaliol | Sesquiterpenol |
| 98 | 36.29 | 0.69% | Globulol | Sesquiterpenol |
| 99 | 36.69 | 0.10% | Caryophyllene oxide | Sesquiterpene Ether |
| 100 | 36.97 | 0.13% | Salvial-4(14)-en-1-one | Sesquiterpene Ketone |
| 101 | 37.15 | 0.05% | Viridiflorol | Sesquiterpenol |
| 102 | 37.28 | 0.01% | Rosifoliol | Sesquiterpenol |
| 103 | 37.49 | 0.28% | Guaiol | Sesquiterpenol |
| 104 | 37.59 | 0.32% | 10-epi-gamma-Eudesmol | Sesquiterpenol |
| 105 | 38.43 | 0.78% | gamma-Eudesmol | Sesquiterpenol |
| 106 | 39.01 | 0.03% | allo-Aromadendrene epoxide | Sesquiterpene Ester |
| 107 | 39.96 | 0.04% | Longiborneol acetate | |
| 108 | 42.54 | 0.06% | gamma-Costol | Sesquiterpenol |

ESSENTIAL VALIDATION SERVICES | 14 / SW 2nd AVE GAINESVILLE, FLORIDA 32601 | 31/-361-5044

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2/27/2022