AROMATICS DATA

GC-MS BATCH SUMMARY

**Batch KAN-104**

November 13, 2026

# Kanuka Essential Oil

*Kunzea ericoides*

Essential Oil

| DISTILLATION DATE | EXTRACTION | CULTIVATION | COUNTRY OF ORIGIN |
|---|---|---|---|
| **March 15, 2024** | **Steam Distilled** | **Wildcrafted** | **New Zealand** |

## TOP 5 COMPONENTS

of 34 measured

| | | |
|---|---|---|
| **α-pinene** | Monoterpene | **59.80%** |
| **1,8-cineole** | Oxide | **4.20%** |
| **p-cymene** | Monoterpene | **3.60%** |
| **γ-terpinene** | Monoterpene | **2.60%** |
| **viridiflorol** | Sesquiterpenol | **2.30%** |

Full composition · 34 components across 7 families

| | |
|---|---|
| **Monoterpene** | **68.60%** |
| α-pinene | 59.80% |
| p-cymene | 3.60% |
| γ-terpinene | 2.60% |
| limonene (d) | 1.20% |
| terpinolene | 0.70% |
| α-thujene | 0.70% |
| **Other** | **5.80%** |
| cis calamenene | 2.00% |
| trans nerolidol | 0.80% |
| trans cadina-1,4-diene | 0.80% |

Every batch is GC-MS tested by an independent lab. This report is provided for full transparency by Aromatics International.

Verify this batch: data.aromatics.com/products/kanuka-essential-oil#batch=KAN-104

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| | |
|---|---|
| 8-cadinene | 0.70% |
| alloaromadendrene | 0.60% |
| trans cadina-1(6),4-diene | 0.40% |
| p-pinene | 0.40% |
| ß-elemene | 0.10% |
| **Sesquiterpene** | **4.80%** |
| ledene | 1.70% |
| α-gurjunene | 0.60% |
| α-copaene | 0.60% |
| cadina-3,5-diene | 0.50% |
| aromadendrene | 0.50% |
| bicyclogermacrene | 0.30% |
| β-caryophyllene | 0.30% |
| α-cubebene | 0.30% |
| **Oxide** | **4.20%** |
| 1,8-cineole | 4.20% |
| **Sesquiterpenol** | **3.90%** |
| viridiflorol | 2.30% |
| spathulenol | 0.80% |
| palustrol | 0.40% |
| ledol | 0.30% |
| cubenol | 0.10% |
| **Monoterpenol** | **3.20%** |
| linalool | 1.80% |
| α-terpineol | 1.00% |
| terpinen-4-ol | 0.40% |
| **Ketone** | **1.60%** |
| leptospermone | 1.10% |
| iso-leptospermone | 0.30% |


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| | |
|---|---|
| flavesone | 0.20% |

| REFRACTIVE INDEX @20°C | OPTICAL ROTATION @20°C |
|---|---|
| **1.473** | **23.23** |



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