

Niaouli ct 1,8 Cineole Essential Oil

Melaleuca quinquenervia ct 1,8 cineole

Essential Oil

DISTILLATION DATE April 15, 2026	EXTRACTION Steam Distilled	CULTIVATION Certified Organic	COUNTRY OF ORIGIN Madagascar
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TOP 5 COMPONENTS		of 37 measured
1,8-cineole	Oxide	48.71%
α-pinene	Monoterpene	9.55%
limonene (d)	Monoterpene	8.22%
α-terpineol	Monoterpenol	7.67%
viridiflorol	Sesquiterpenol	5.77%

CHEMISTRY HIGHLIGHTS

GC-MS analysis of this batch identified 37 components. It leads with 1,8-cineole at 48.71 percent, followed by alpha-pinene at 9.55 percent and limonene at 8.22 percent, with alpha-terpineol at 7.67 percent rounding out the profile. Oxides make up just over 49 percent of the oil and are associated with a fresh, opening quality in the breath, while the monoterpene fraction near 25 percent lends brightness and lift. A monoterpenol presence above 9 percent contributes gentleness in blends.

Full composition · 37 components across 7 families

Oxide	49.05%
1,8-cineole	48.71%
caryophyllene oxide	0.34%
Monoterpene	25.43%
α-pinene	9.55%

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

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limonene (d)	8.22%
β-pinene	2.84%
p-cymene	1.45%
γ-terpinene	1.19%
β-myrcene	0.92%
terpinolene	0.59%
α-terpinene	0.24%
α-thujene	0.22%
pseudolimonene	0.12%
camphene	0.09%
Monoterpenol	9.34%
α-terpineol	7.67%
terpinen-4-ol	0.94%
linalool	0.27%
δ-terpineol	0.18%
isopulegol	0.11%
τ-cadinol	0.10%
citronellol	0.07%
Sesquiterpenol	7.41%
viridiflorol	5.77%
(Z)-nerolidol	1.42%
palustrol	0.16%
β-eudesmol	0.06%
Sesquiterpene	4.73%
β-caryophyllene	1.76%
viridiflorene	1.14%
allo-aromadendrene	0.43%
α-caryophyllene	0.31%
β-selinene	0.23%

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δ -cadinene	0.22%
aromadendrene	0.20%
γ -cadinene	0.17%
α -gurjunene	0.14%
γ -muurolene	0.07%
α -copaene	0.06%
Ester	1.79%
α -terpinyl acetate	1.79%
Aldehyde	0.13%
benzaldehyde	0.13%

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