AROMATICS DATA

GC-MS BATCH SUMMARY

Batch CAJ-110

November 15, 2026

Cajeput Essential Oil

Melaleuca cajuputi

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
February 15, 2025	Steam Distilled	Organically Grown	Indonesia

TOP 5 COMPONENTS

of 69 measured

1,8-cineole	Oxide	**54.40%**
limonene (d)	Monoterpene	**8.88%**
α-pinene	Monoterpene	**7.75%**
α-terpineol	Monoterpenol	**4.63%**
β-caryophyllene	Sesquiterpene	**3.00%**

Full composition · 69 components across 8 families

Oxide	**54.55%**
1,8-cineole	54.40%
caryophyllene oxide	0.15%
Monoterpene	**27.73%**
limonene (d)	8.88%
α-pinene	7.75%
γ-terpinene	1.93%
p-cymene	1.75%
β-pinene	1.71%
α-terpinene	1.61%
β-myrcene	1.40%

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

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terpinolene	0.72%
sabinene	0.69%
α-phellandrene	0.69%
α-thujene	0.35%
camphene	0.08%
δ-3-carene	0.07%
(E)-β-ocimene	0.05%
(Z)-β-ocimene	0.03%
α-fenchene	0.02%
Sesquiterpene	**8.75%**
β-caryophyllene	3.00%
α-caryophyllene	1.57%
β-selinene	1.10%
α-selinene	0.95%
allo-aromadendrene	0.25%
aromadendrene	0.23%
ledene	0.21%
γ-selinene	0.21%
germacrene B	0.16%
δ-cadinene	0.16%
α-gurjunene	0.13%
ylangene	0.11%
β-elemene	0.10%
γ-cadinene	0.07%
α-cubebene	0.07%
selina-3,7(11)-diene	0.07%
selinadiene isomer	0.07%
eremophilene	0.06%
epoxy-6,7-humulene	0.05%
germacrene A	0.05%

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7-epi-α-selinene	0.03%
δ-elemene	0.03%
α-calacorene	0.03%
cadina-1,4-diene	0.02%
4,5-di-epi-aristolochene	0.02%
Monoterpenol	**5.49%**
α-terpineol	4.63%
terpinen-4-ol	0.63%
linalool	0.18%
geraniol	0.04%
p-cymen-8-ol	0.01%
Sesquiterpenol	**1.46%**
viridiflorol	0.45%
globulol	0.37%
β-eudesmol	0.13%
guaiol	0.09%
α-eudesmol	0.09%
eudesma-7(11)-en-4-ol	0.07%
γ-eudesmol	0.07%
ledol	0.07%
gleenol	0.03%
epi-globulol	0.02%
cubenol	0.02%
palustrol	0.02%
rosifoliol	0.02%
β-nootkatol	0.01%
Ester	**0.63%**
terpinyl acetate	0.60%
aliphatic ester	0.03%

Other	**0.23%**
β-copaen-4-α-ol	0.09%
butanal, 2-methyl-	0.08%
lavandulal	0.04%
compound mw=266	0.02%
Ketone	**0.01%**
iso-leptospermone	0.01%

SPECIFIC GRAVITY @20°C	REFRACTIVE INDEX @20°C	OPTICAL ROTATION @20°C	FLASH POINT
.907	**1.475**	**2.8**	**51.0**

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