AROMATICS DATA

GC-MS BATCH SUMMARY

Batch MAS-112

November 13, 2026

Mastic Essential Oil

Pistacia lentiscus

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
November 1, 2023	Steam Distilled	Certified Organic	Corsica

TOP 5 COMPONENTS		of 95 measured
α-pinene	Monoterpene	20.57%
β-myrcene	Monoterpene	13.58%
α-phellandrene	Monoterpene	10.20%
limonene (d)	Monoterpene	9.52%
γ-terpinene	Monoterpene	4.43%

Full composition · 95 components across 10 families

Monoterpene	**73.33%**
α-pinene	20.57%
β-myrcene	13.58%
α-phellandrene	10.20%
limonene (d)	9.52%
γ-terpinene	4.43%
β-pinene	3.87%
α-terpinene	2.88%
sabinene	2.85%
camphene	1.65%
terpinolene	1.31%

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

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p-cymene	0.82%
α-thujene	0.70%
tricyclene	0.45%
(E)-β-ocimene	0.28%
(Z)-β-ocimene	0.09%
δ-3-carene	0.07%
pseudolimonene	0.04%
hashishene	0.01%
alloocimene	0.01%
Sesquiterpene	**14.32%**
germacrene D	4.17%
β-caryophyllene	2.91%
δ-cadinene	2.24%
α-caryophyllene	0.75%
γ-muurolene	0.66%
β-elemene	0.51%
α-copaene	0.31%
(Z)-cadina-1(6),4-diene	0.30%
β-bisabolene	0.28%
γ-cadinene	0.28%
zonarene	0.23%
β-copaene	0.23%
epi-bicyclosesquiphellandrene	0.21%
bicyclogermacrene	0.21%
allo-aromadendrene	0.21%
(E)-cadina-1,4-diene	0.14%
δ-amorphene	0.11%
(E)-α-bisabolene	0.10%
α-cadinene	0.07%
δ-elemene	0.07%

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β-cubebene	0.07%
(E)-γ-bisabolene	0.07%
(E)-β-farnesene	0.06%
β-selinene	0.06%
(E,E)-α-farnesene	0.05%
α-ylangene	0.02%
Monoterpenol	**6.25%**
terpinen-4-ol	4.35%
α-terpineol	0.65%
linalool	0.49%
τ-cadinol	0.32%
3-hexen-1-ol	0.20%
2-nonanol	0.12%
(E)-p-menth-2-en-1-ol	0.05%
borneol	0.03%
pinocarveol	0.02%
(E)-piperitol	0.01%
fenchol	0.01%
Sesquiterpenol	**2.20%**
α-muurolol · α-muurolene	0.72%
α-cadinol	0.51%
τ-muurolol	0.27%
epi-cubenol	0.20%
α-muurolol	0.13%
spathulenol	0.07%
α-bisabolol	0.07%
γ-eudesmol	0.05%
junenol	0.04%
gleenol	0.03%

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cubebol	0.03%
elemol	0.03%
viridiflorol	0.02%
1,10-epi-cubenol	0.02%
(E)-nerolidol	0.01%
Ester	**1.45%**
bornyl acetate	0.62%
α-terpinyl acetate	0.22%
isoamyl isovalerate	0.19%
isopentyl benzoate	0.17%
(Z)-muurola-3,5-diene	0.16%
(Z)-muurola-4(14),5-diene	0.06%
camphene hydrate	0.02%
methyl octanoate	0.01%
Ketone	**1.06%**
2-undecanone	0.56%
2-nonanone	0.31%
geranylacetone	0.18%
thuja-2,4(10)-diene	0.01%
Other	**0.50%**
isoamyl hexanoate	0.25%
hexanal	0.05%
1-hexanol	0.04%
dehydro-p-cymene	0.04%
2-methyl butyl isovalerate	0.04%
2-hexanol	0.03%
2-undecanol	0.02%
(3Z)-hexenyl butanoate	0.02%
benzyl isovalerate	0.01%

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Aldehyde	**0.28%**
2-hexenal	0.28%
Oxide	**0.04%**
caryophyllene oxide	0.04%
Furan	**0.03%**
perillene	0.03%

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