AROMATICS DATA

GC-MS BATCH SUMMARY

Batch FRK-132

November 12, 2026

Frankincense Carterii Essential Oil

Boswellia carterii

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
October 15, 2025	Steam Distilled	Certified Organic	Somaliland

TOP 5 COMPONENTS

of 53 measured

α-pinene	Monoterpene	**31.92%**
limonene (d)	Monoterpene	**20.14%**
β-myrcene	Monoterpene	**8.37%**
sabinene	Monoterpene	**4.65%**
p-cymene	Monoterpene	**4.28%**

Full composition · 53 components across 10 families

Monoterpene	**79.11%**
α-pinene	31.92%
limonene (d)	20.14%
β-myrcene	8.37%
sabinene	4.65%
p-cymene	4.28%
α-thujene	2.84%
α-phellandrene	2.37%
β-pinene	1.66%
camphene	1.10%
δ-3-carene	0.81%

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/frankincense-essential-oil#batch=FRK-132

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γ-terpinene	0.27%
terpinolene	0.23%
α-terpinene	0.19%
hashishene	0.14%
β-phellandrene	0.14%
Sesquiterpene	**9.89%**
β-caryophyllene	3.38%
β-elemene	1.13%
α-caryophyllene	1.05%
α-copaene	0.97%
δ-cadinene	0.75%
α-selinene	0.57%
β-selinene	0.54%
γ-cadinene	0.41%
γ-muurolene	0.32%
germacrene D	0.24%
allo-aromadendrene	0.21%
α-cubebene	0.19%
(Z)-α-bergamotene	0.13%
Monoterpenol	**3.97%**
(Z)-verbenol	0.94%
(E)-pinocarveol	0.73%
terpinen-4-ol	0.52%
α-terpineol	0.33%
p-mentha-1,5-dien-8-ol	0.31%
τ-cadinol	0.27%
(Z)-carveol	0.26%
linalool	0.18%
myrtenol	0.16%

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p-cymen-8-ol	0.15%
myrcenol	0.12%
Ketone	**0.99%**
thuja-2,4(10)-diene	0.41%
verbenone	0.38%
carvone	0.20%
Oxide	**0.91%**
caryophyllene oxide	0.62%
humulene epoxide 2	0.15%
1,8-cineole	0.14%
Aldehyde	**0.55%**
α-campholene aldehyde	0.28%
myrtenal	0.27%
Other	**0.54%**
β-dihydroagarofuran	0.44%
toluene	0.10%
Sesquiterpenol	**0.43%**
epi-cubebol	0.29%
viridiflorol	0.14%
Ester	**0.41%**
bornyl acetate	0.41%
Ether	**0.11%**
2-methylanisole	0.11%

REFRACTIVE INDEX @20°C
1.4734

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