AROMATICS DATA

GC-MS BATCH SUMMARY

Batch SCP-113

November 22, 2026

Scotch Pine Essential Oil

Pinus sylvestris

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
March 15, 2025	Steam Distilled	Certified Organic	Bulgaria

TOP 5 COMPONENTS

of 70 measured

α-pinene	Monoterpene	**35.33%**
β-pinene	Monoterpene	**26.54%**
limonene (d)	Monoterpene	**13.40%**
β-myrcene	Monoterpene	**5.69%**
camphene	Monoterpene	**3.32%**

Full composition · 70 components across 10 families

Monoterpene	**89.05%**
α-pinene	35.33%
β-pinene	26.54%
limonene (d)	13.40%
β-myrcene	5.69%
camphene	3.32%
δ-3-carene	1.69%
(E)-β-ocimene	1.16%
tricyclene	0.70%
terpinolene	0.52%
p-cymene	0.14%

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/scotch-pine-essential-oil#batch=SCP-113

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sabinene	0.11%
γ-terpinene	0.11%
α-thujene	0.08%
(Z)-β-ocimene	0.08%
α-phellandrene	0.07%
α-terpinene	0.07%
santene	0.04%
Sesquiterpene	**7.13%**
β-caryophyllene	2.30%
δ-cadinene	1.44%
γ-cadinene	0.68%
germacrene D	0.50%
α-caryophyllene	0.43%
γ-muurolene	0.31%
α-selinene	0.24%
β-selinene	0.21%
α-copaene	0.14%
β-elemene	0.14%
aromadendrene	0.11%
longifolene	0.10%
epi-bicyclosesquiphellandrene	0.09%
(Z)-cadina-1(6),4-diene	0.08%
β-copaene	0.07%
β-bourbonene	0.06%
6,9-guaiadiene	0.06%
allo-aromadendrene	0.05%
α-cadinene	0.05%
(E)-cadina-1,4-diene	0.04%
δ-elemene	0.03%

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Ester	**1.34%**
bornyl acetate	0.97%
α-terpinyl acetate	0.29%
(Z)-muurola-3,5-diene	0.05%
(Z)-muurola-4(14),5-diene	0.03%
Monoterpenol	**0.94%**
α-terpineol	0.50%
(E)-pinocarveol	0.17%
τ-cadinol	0.09%
borneol	0.06%
fenchol	0.05%
terpinen-4-ol	0.05%
(E)-p-mentha-2,8-dien-1-ol	0.02%
Sesquiterpenol	**0.83%**
α-muurolol · α-muurolene	0.43%
spathulenol	0.15%
α-cadinol	0.11%
τ-muurolol	0.09%
α-muurolol	0.03%
1,10-epi-cubenol	0.02%
Ketone	**0.27%**
thuja-2,4(10)-diene	0.05%
camphor	0.05%
pinocamphone	0.05%
pinocarvone	0.03%
isopinocamphone	0.03%
2-undecanone	0.03%
verbenone	0.02%
nopinone	0.01%

Oxide	**0.22%**
caryophyllene oxide	0.20%
humulene epoxide 2	0.02%
Other	**0.08%**
dehydro-p-cymene	0.05%
hexanal	0.02%
octane	0.01%
Aldehyde	**0.03%**
α-campholene aldehyde	0.03%
Ether	**0.03%**
methyl thymol	0.03%

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