AROMATICS DATA

GC-MS BATCH SUMMARY

Batch STP-111

November 20, 2026

Sitka Spruce Essential Oil

Picea sitchensis

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
December 9, 2025	**Steam Distilled**	**Wildcrafted**	**Iceland**

TOP 5 COMPONENTS

of 39 measured

β-myrcene	Monoterpene	**25.57%**
β-phellandrene	Monoterpene	**16.25%**
piperitone	Ketone	**9.71%**
camphor	Ketone	**6.91%**
isoamyl isovalerate	Ester	**5.48%**

Full composition · 39 components across 9 families

Monoterpene	**60.38%**
β-myrcene	25.57%
β-phellandrene	16.25%
α-pinene	4.83%
β-pinene	3.15%
camphene	2.47%
α-phellandrene	1.92%
limonene (d)	1.90%
δ-3-carene	1.32%
p-cymene	1.00%
isoterpinolene	0.68%

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/sitka-spruce-essential-oil#batch=STP-111

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α-terpinene	0.60%
γ-terpinene	0.32%
sabinene	0.27%
(Z)-β-ocimene	0.10%
Ketone	**16.62%**
piperitone	9.71%
camphor	6.91%
Ester	**9.91%**
isoamyl isovalerate	5.48%
3-methyl-3-butenyl 3-methylbutanoate	3.34%
bornyl acetate	0.84%
camphene hydrate	0.14%
isopentyl benzoate	0.11%
Monoterpenol	**6.67%**
borneol	2.56%
α-terpineol	1.07%
isopulegol	0.64%
(E)-p-menth-2-en-1-ol	0.60%
terpinen-4-ol	0.43%
fenchol	0.41%
linalool	0.25%
(E)-piperitol	0.25%
citronellol	0.22%
(Z)-piperitol	0.14%
geraniol	0.10%
Oxide	**3.15%**
1,8-cineole	3.15%
Other	**0.62%**
pentyl isobutanoate	0.41%

isoamyl hexanoate	0.21%
Sesquiterpene	**0.40%**
δ-cadinene	0.29%
γ-cadinene	0.11%
Aldehyde	**0.22%**
benzaldehyde	0.22%
Diterpene	**0.15%**
cembrene	0.15%

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