AROMATICS DATA

GC-MS BATCH SUMMARY

Batch WSP-112

November 13, 2026

White Spruce Essential Oil

Picea glauca

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
September 20, 2023	**Steam Distilled**	**Certified Organic**	**Canada**

TOP 5 COMPONENTS

of 31 measured

camphor	Ketone	**16.59%**
camphene	Monoterpene	**13.66%**
β-pinene	Monoterpene	**13.45%**
α-pinene	Monoterpene	**13.18%**
bornyl acetate	Ester	**12.48%**

Full composition · 31 components across 7 families

Monoterpene	**59.78%**
camphene	13.66%
β-pinene	13.45%
α-pinene	13.18%
limonene (l)	9.30%
β-myrcene	4.15%
β-phellandrene	1.81%
δ-3-carene	1.49%
tricyclene	0.92%
terpinolene	0.66%
santene	0.34%

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

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α-phellandrene	0.28%
γ-terpinene	0.24%
α-terpinene	0.17%
sabinene	0.13%
Ketone	**17.35%**
camphor	16.59%
piperitone	0.76%
Ester	**12.99%**
bornyl acetate	12.48%
camphene hydrate	0.51%
Monoterpenol	**4.03%**
borneol	2.32%
α-terpineol	0.71%
citronellol	0.47%
terpinen-4-ol	0.34%
linalool	0.19%
Sesquiterpene	**1.20%**
δ-cadinene	0.51%
γ-cadinene	0.19%
α-caryophyllene	0.14%
β-caryophyllene	0.14%
α-muurolene	0.12%
longifolene	0.10%
Oxide	**0.86%**
1,8-cineole	0.86%
Ether	**0.01%**
estragole (methyl chavicol)	0.01%

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REFRACTIVE INDEX @20°C

1.4714

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