

Black Spruce Essential Oil

Picea mariana

Essential Oil

DISTILLATION DATE April 24, 2025	EXTRACTION Steam Distilled	CULTIVATION Certified Organic	COUNTRY OF ORIGIN Canada
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TOP 5 COMPONENTS		of 51 measured
bornyl acetate	Ester	22.03%
α-pinene	Monoterpene	16.38%
camphene	Monoterpene	14.33%
δ-3-carene	Monoterpene	8.72%
β-pinene	Monoterpene	5.81%

Full composition · 51 components across 9 families

Monoterpene	62.50%
α-pinene	16.38%
camphene	14.33%
δ-3-carene	8.72%
β-pinene	5.81%
limonene (d)	4.09%
β-myrcene	3.42%
santene	2.83%
tricyclene	2.19%
terpinolene	1.55%
β-phellandrene	1.37%

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	0.45%
α -terpinene	0.41%
γ -terpinene	0.38%
p-cymene	0.32%
sabinene	0.14%
α -fenchene	0.11%
Ester	24.63%
bornyl acetate	22.03%
isobornyl acetate	0.91%
fenchyl acetate	0.49%
camphene hydrate	0.37%
geranyl acetate	0.26%
(Z)-pinocarvyl acetate	0.21%
citronellyl acetate	0.12%
(Z)-pinocarvyl acetate	0.12%
(E)-verbenyl acetate	0.12%
Sesquiterpene	4.75%
δ -cadinene	1.98%
γ -cadinene	0.57%
α -muurolene	0.52%
(E)- α -bisabolene	0.25%
β -caryophyllene	0.25%
γ -muurolene	0.20%
longifolene	0.18%
(E,E)- α -farnesene	0.17%
(Z)-cadin-1(6),4-diene	0.14%
α -cadinene	0.13%
zonarene	0.13%
β -elemene	0.13%

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α -caryophyllene	0.10%
Monoterpenol	4.09%
borneol	1.51%
α -terpineol	1.32%
terpinen-4-ol	0.45%
linalool	0.26%
τ -cadinol	0.18%
fenchol	0.13%
isoborneol	0.12%
(E)-pinocarveol	0.12%
Oxide	0.50%
1,8-cineole	0.50%
Sesquiterpenol	0.36%
α -cadinol	0.36%
Other	0.20%
11.98 camphenol<6->	0.20%
Aldehyde	0.17%
α -campholene aldehyde	0.17%
Ketone	0.13%
camphor	0.13%

REFRACTIVE INDEX @20°C

1.4694

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