AROMATICS DATA

GC-MS BATCH SUMMARY

Batch PNE-123

November 8, 2026

Siberian Fir Essential Oil

Abies sibirica

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
September 26, 2024	**Steam Distilled**	**Wildcrafted**	**Russia**

TOP 5 COMPONENTS

of 20 measured

bornyl acetate	Ester	**26.35%**
camphene	Monoterpene	**22.55%**
δ-3-carene	Monoterpene	**13.34%**
α-pinene	Monoterpene	**12.76%**
limonene (l)	Monoterpene	**4.74%**

Full composition · 20 components across 7 families

Monoterpene	**66.03%**
camphene	22.55%
δ-3-carene	13.34%
α-pinene	12.76%
limonene (l)	4.74%
β-phellandrene	3.49%
santene	2.65%
tricyclene	2.27%
β-pinene	2.20%
terpinolene	1.20%
β-myrcene	0.63%

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	0.20%
Ester	**26.35%**
bornyl acetate	26.35%
Sesquiterpene	**2.27%**
β-caryophyllene	1.31%
α-caryophyllene	0.75%
β-bisabolene	0.21%
Monoterpenol	**1.66%**
borneol	1.46%
α-terpineol	0.20%
Ketone	**0.27%**
camphor	0.27%
Aldehyde	**0.17%**
dodecanal	0.17%
Sesquiterpenol	**0.15%**
α-bisabolol	0.15%

SPECIFIC GRAVITY @20°C	REFRACTIVE INDEX @20°C
0.9037	**1.46672**

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