AROMATICS DATA

GC-MS BATCH SUMMARY

Batch WHF-115

November 20, 2026

White Fir Essential Oil

Abies concolor

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
January 15, 2026	Steam Distilled	Wildcrafted	USA

TOP 5 COMPONENTS

of 37 measured

β-pinene	Monoterpene	**30.91%**
α-pinene	Monoterpene	**14.50%**
bornyl acetate	Ester	**11.74%**
camphene	Monoterpene	**10.10%**
β-phellandrene	Monoterpene	**8.05%**

Full composition · 37 components across 9 families

Monoterpene	**82.85%**
β-pinene	30.91%
α-pinene	14.50%
camphene	10.10%
β-phellandrene	8.05%
limonene (d)	7.97%
δ-3-carene	3.41%
β-myrcene	3.00%
tricyclene	1.66%
terpinolene	1.08%
santene	0.53%

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/white-fir-essential-oil#batch=WHF-115

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α-phellandrene	0.52%
(Z)-β-ocimene	0.37%
γ-terpinene	0.28%
α-terpinene	0.26%
p-cymene	0.12%
alloocimene	0.09%
Ester	**12.43%**
bornyl acetate	11.74%
citronellyl acetate	0.41%
camphene hydrate	0.28%
Monoterpenol	**2.01%**
α-terpineol	0.90%
citronellol	0.36%
borneol	0.24%
fenchol	0.19%
terpinen-4-ol	0.18%
linalool	0.14%
Aldehyde	**0.45%**
α-campholene aldehyde	0.29%
decanal	0.08%
dodecanal	0.08%
Ketone	**0.25%**
fenchone	0.09%
piperitone	0.09%
camphor	0.07%
Sesquiterpene	**0.23%**
β-caryophyllene	0.23%

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Other	**0.21%**
undecane	0.11%
tridecane	0.10%
Sesquiterpenol	**0.20%**
(E)-nerolidol	0.12%
α-bisabolol	0.08%
Ether	**0.08%**
methyl thymol	0.08%