AROMATICS DATA

GC-MS BATCH SUMMARY

Batch PIP-124

November 15, 2026

Pinyon Pine Essential Oil

Pinus edulis

Essential Oil

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

TOP 5 COMPONENTS

of 47 measured

α-pinene	Monoterpene	**38.52%**
β-phellandrene	Monoterpene	**11.42%**
β-pinene	Monoterpene	**8.49%**
β-myrcene	Monoterpene	**5.62%**
δ-3-carene	Monoterpene	**4.69%**

Full composition · 47 components across 8 families

Monoterpene	**78.61%**
α-pinene	38.52%
β-phellandrene	11.42%
β-pinene	8.49%
β-myrcene	5.62%
δ-3-carene	4.69%
limonene (d)	2.56%
camphene	2.26%
terpinolene	1.61%
tricyclene	0.64%
α-phellandrene	0.54%

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/pinyon-pine-essential-oil#batch=PIP-124

Generated November 15, 2026 from live batch data · © 2026 Aromatics International

γ-terpinene	0.49%
α-terpinene	0.45%
α-fenchene	0.38%
p-cymene	0.38%
alloocimene	0.23%
sabinene	0.20%
(Z)-β-ocimene	0.13%
Ester	**7.56%**
bornyl acetate	3.98%
ethyl octanoate	2.08%
citronellyl acetate	0.85%
methyl octanoate	0.37%
ethyl 4-decenoate	0.16%
ethyl decanoate	0.12%
Other	**4.71%**
ethyl ester of octanoic acid	3.33%
methyl 6-methyl heptanoate	1.03%
(2E)-undecenol	0.22%
(2Z)-nonenol	0.13%
Sesquiterpene	**2.87%**
δ-cadinene	0.75%
germacrene D	0.47%
α-copaene	0.34%
longifolene	0.30%
γ-muurolene	0.25%
γ-cadinene	0.25%
β-bourbonene	0.15%
β-caryophyllene	0.15%
(E,E)-α-farnesene	0.12%

Generated November 15, 2026 from live batch data · © 2026 Aromatics International

(E)-β-farnesene	0.09%
Monoterpenol	**1.74%**
α-terpineol	1.02%
terpinen-4-ol	0.45%
borneol	0.11%
(E)-pinocarveol	0.09%
linalool	0.07%
Ether	**0.94%**
methyl thymol	0.94%
Sesquiterpenol	**0.64%**
α-muurolol	0.28%
τ-muurolol	0.19%
α-cadinol	0.17%
Aldehyde	**0.09%**
α-campholene aldehyde	0.09%

Generated November 15, 2026 from live batch data · © 2026 Aromatics International