

Xanthoxylum Essential Oil

Zanthoxylum armatum

Essential Oil

DISTILLATION DATE July 7, 2024	EXTRACTION Steam Distilled	CULTIVATION Wildcrafted	COUNTRY OF ORIGIN Nepal
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TOP 5 COMPONENTS		of 67 measured
linalool	Monoterpenol	47.40%
limonene (d)	Monoterpene	25.86%
(E)-methylcinnamate	Ester	11.93%
β-myrcene	Monoterpene	2.90%
terpinen-4-ol	Monoterpenol	1.30%

Full composition · 67 components across 9 families

Monoterpenol	49.88%
linalool	47.40%
terpinen-4-ol	1.30%
α-terpineol	0.47%
(Z)-p-Menth-2-en-1-ol	0.17%
(E)-p-menth-2-en-1-ol	0.12%
p-cymen-8-ol	0.09%
(E)-piperitol	0.09%
linalool pyranic oxide	0.06%
(Z)-p-mentha-2,8-dien-1-ol	0.03%
isopulegol	0.03%

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

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(E)-carveol	0.03%
nerol	0.03%
τ-cadinol	0.03%
(E)-p-mentha-2,8-dien-1-ol	0.02%
1-octanol	0.01%
Monoterpene	32.47%
limonene (d)	25.86%
β-myrcene	2.90%
p-cymene	0.82%
γ-terpinene	0.51%
terpinolene	0.41%
α-phellandrene	0.33%
sabinene	0.32%
α-pinene	0.29%
α-terpinene	0.29%
styrene	0.23%
β-pinene	0.19%
α-thujene	0.15%
(E)-β-ocimene	0.08%
(Z)-β-ocimene	0.06%
pseudolimonene	0.03%
Ester	12.29%
(E)-methylcinnamate	11.93%
(Z)-3-hexenyl butyrate	0.13%
methyl palmitate	0.07%
methyl citronellate	0.04%
(Z)-methylcinnamate	0.04%
linalyl acetate	0.03%
geranyl formate	0.01%

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citronellyl acetate	0.01%
geranyl acetate	0.01%
ethyl (E)-cinnamate	0.01%
methyl oleate	0.01%
Oxide	1.02%
linalool (Z)-oxide	0.49%
(E)-linalool oxide	0.36%
caryophyllene oxide	0.15%
humulene epoxide 2	0.02%
Ketone	0.95%
cryptone	0.47%
piperitone	0.40%
carvone	0.06%
α -thujone	0.01%
valeranone	0.01%
Sesquiterpene	0.79%
β -caryophyllene	0.61%
α -caryophyllene	0.11%
γ -cadinene	0.04%
δ -cadinene	0.02%
α -copaene	0.01%
Aldehyde	0.65%
phellandral	0.50%
cuminal	0.05%
benzaldehyde	0.04%
citronellal	0.03%
decanal	0.03%
Other	0.44%
20.83 cryptone<4-hydroxy->	0.24%

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2-tridecanone	0.06%
14.20 nonenol<2e->	0.05%
palmitic acid	0.04%
13.37 isopulegol<neo->	0.03%
dehydro-p-cymene	0.02%
Furan	0.01%
perillene	0.01%

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