

Juniper Berry Essential Oil

Juniperus communis

Essential Oil

DISTILLATION DATE October 15, 2024	EXTRACTION Steam Distilled	CULTIVATION Certified Organic	COUNTRY OF ORIGIN Bulgaria
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TOP 5 COMPONENTS		of 136 measured
α-pinene	Monoterpene	24.98%
β-myrcene	Monoterpene	9.49%
limonene (d)	Monoterpene	7.24%
sabinene	Monoterpene	6.09%
β-pinene	Monoterpene	4.55%

Full composition · 136 components across 11 families

Monoterpene	63.54%
α-pinene	24.98%
β-myrcene	9.49%
limonene (d)	7.24%
sabinene	6.09%
β-pinene	4.55%
γ-terpinene	2.62%
α-thujene	1.80%
terpinolene	1.77%
α-terpinene	1.70%
p-cymene	0.90%

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

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camphene	0.80%
α -phellandrene	0.53%
δ -3-carene	0.42%
tricyclene	0.20%
(E)- β -ocimene	0.19%
(Z)- β -ocimene	0.11%
δ -2-carene	0.07%
verbenene	0.04%
alloocimene	0.02%
hashishene	0.01%
p-mentha-1,3,8-triene	0.01%
Sesquiterpene	25.74%
β -caryophyllene	4.23%
α -caryophyllene	3.80%
δ -cadinene	3.24%
germacrene D	2.15%
γ -elemene	1.77%
β -elemene	1.71%
γ -cadinene	1.15%
γ -muurolene	1.03%
α -copaene	0.78%
α -panasinsen	0.67%
α -cubebene	0.67%
α -selinene	0.63%
selina-3,7(11)-diene	0.59%
β -selinene	0.59%
(Z)-cadin-1(6),4-diene	0.45%
sibirene	0.45%
zonarene	0.45%
germacrene B	0.28%

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β -bisabolene	0.13%
thujopsene	0.13%
aromadendrene	0.13%
δ -amorphene	0.13%
longifolene	0.10%
1-epi-bicyclosesquiphellandrene	0.09%
α -ylangene	0.08%
δ -elemene	0.07%
isocaryophyllene	0.07%
β -copaene	0.06%
(Z)-cadina-1(6),4-diene	0.05%
α -cedrene	0.02%
δ -guaiene	0.02%
isolekene	0.01%
α -gurjunene	0.01%
Monoterpenol	3.57%
terpinen-4-ol	2.06%
α -terpineol	0.50%
τ -cadinol	0.24%
linalool	0.15%
(E)-pinocarveol	0.11%
borneol	0.10%
citronellol	0.07%
(E)-verbenol	0.05%
(E)-sabinene hydrate	0.04%
(Z)-p-Menth-2-en-1-ol	0.04%
fenchol	0.03%
(E)-p-menth-2-en-1-ol	0.03%
p-cymen-8-ol	0.03%
1-octanol	0.02%

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(E)-p-mentha-2,8-dien-1-ol	0.02%
(E)-piperitol	0.02%
(E)-carveol	0.02%
(Z)-myrtanol	0.02%
terpinen-1-ol	0.01%
(Z)-carveol	0.01%
Sesquiterpenol	2.35%
α -muurolol	0.91%
α -cadinol	0.40%
1,10-epi-cubenol	0.23%
τ -muurolol	0.21%
(E)-nerolidol	0.14%
spathulenol	0.13%
α -muurolol	0.08%
elemol	0.08%
γ -eudesmol	0.05%
junenol	0.04%
juniper camphor	0.04%
selin-11-en-4-ol	0.02%
1-octen-3-ol	0.01%
globulol	0.01%
Ester	1.14%
bornyl acetate	0.55%
(Z)-muurola-3,5-diene	0.19%
methyl citronellate	0.13%
(Z)-muurola-4(14),5-diene	0.08%
(Z)-pinocarvyl acetate	0.05%
isoamyl isovalerate	0.04%
citronellyl acetate	0.04%

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fenchyl acetate	0.03%
camphene hydrate	0.02%
neryl acetate	0.01%
Other	0.55%
dehydro-p-cymene	0.25%
tridecane	0.06%
β-thujone	0.04%
abietatriene	0.03%
hexanal	0.03%
sclarene	0.03%
33.17 oplophenone<β->	0.03%
23.97 myrtanol acetate<trans->	0.02%
abietadiene	0.02%
(e,e)-2,4-decadienal	0.01%
36.18 germacre-4(15),5,10(14)-trien-1-α-ol	0.01%
47.35 dolabradiene<13-epi->	0.01%
55.47 larixol	0.01%
Oxide	0.45%
caryophyllene oxide	0.22%
humulene epoxide 2	0.14%
β-pinene oxide	0.05%
1,4-cineole	0.02%
α-pinene oxide	0.01%
manool oxide	0.01%
Ketone	0.37%
2-undecanone	0.14%
thuja-2,4(10)-diene	0.08%
verbenone	0.05%
cryptone	0.03%

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pinocarvone	0.02%
isopinocampone	0.02%
6-methyl-5-hepten-2-one	0.01%
carvone	0.01%
piperitone	0.01%
Aldehyde	0.24%
α-campholene aldehyde	0.09%
phellandral	0.06%
cuminal	0.03%
nonanal	0.02%
pentadecanal	0.02%
furfural	0.01%
2-hexenal	0.01%
Ether	0.06%
methyl thymol	0.04%
methyl carvacrol	0.02%
Furan	0.03%
perillene	0.03%

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