AROMATICS DATA

GC-MS BATCH SUMMARY

Batch DAV-107

November 8, 2026

Davana Essential Oil

Artemisia pallens

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
April 19, 2023	Steam Distilled	Organically Grown	India

TOP 5 COMPONENTS

of 83 measured

davanone	Ketone	**45.43%**
bicyclogermacrene	Sesquiterpene	**5.68%**
ethyl (E)-cinnamate	Ester	**4.03%**
β-selinene	Sesquiterpene	**2.89%**
davana ether	Ether	**2.73%**

Full composition · 83 components across 13 families

Ketone	**45.43%**
davanone	45.43%
Sesquiterpene	**17.59%**
bicyclogermacrene	5.68%
β-selinene	2.89%
δ-elemene	2.56%
γ-cadinene	1.70%
δ-cadinene	1.39%
germacrene D	1.21%
viridiflorene	0.62%
allo-aromadendrene	0.46%

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

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β-elemene	0.37%
β-caryophyllene	0.27%
aromadendrene	0.18%
isoitalicene	0.07%
α-gurjunene	0.06%
β-copaene	0.05%
(Z)-α-bergamotene	0.04%
longifolene	0.03%
isoledene	0.01%
Ester	**8.37%**
ethyl (E)-cinnamate	4.03%
ethyl cinnamate isomer	1.12%
neryl acetate	0.87%
geranyl acetate	0.86%
(E)-methylcinnamate	0.76%
2-methylbutyl 2-methylbutyrate	0.44%
(Z)-methylcinnamate	0.15%
ethyl isovalerate	0.08%
(Z)-3-hexenyl isovalerate	0.02%
isoamyl isovalerate	0.02%
(E,E)-farnesyl acetate	0.02%
Other	**4.35%**
davanone b	1.75%
uk compound	0.59%
cis-threo-davanafuran	0.33%
propyl2-methylbutyrate	0.22%
nor-davanone	0.21%
lavender lactone	0.21%
27.75 neocallitropsene<α->	0.20%

37.41 davanone-2-ol<β->	0.20%
2-methyl butyl isovalerate	0.15%
2-methylbutyric acid	0.11%
34.68 desmethoxy encecalin	0.09%
heneicosane	0.08%
nonadecane	0.05%
trans-dehydroxy linalool oxide	0.04%
30.47 laciniata furanone e	0.03%
13.51 butanoate<3-methyl-2-butenyl 3-methyl->	0.03%
6.21 methyl pent-2-enolide<4->(impure)	0.03%
tricosane	0.01%
pentacosane	0.01%
heptacosane	0.01%
Ether	**4.27%**
davana ether	2.73%
davana ether isomer	1.54%
Monoterpenol	**2.98%**
τ-cadinol	1.89%
linalool	0.63%
terpinen-4-ol	0.32%
(E)-sabinene hydrate	0.10%
α-terpineol	0.02%
(Z)-p-Menth-2-en-1-ol	0.02%
Sesquiterpenol	**2.60%**
spathulenol	1.06%
β-eudesmol	0.63%
viridiflorol	0.35%
α-cadinol	0.31%
palustrol	0.15%

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rosifoliol	0.06%
1,10-epi-cubenol	0.04%
Oxide	**2.23%**
artedouglasia oxide C	1.65%
humulene epoxide 2	0.34%
1,4-cineole	0.14%
1,8-cineole	0.08%
(Z)-dehydroxylinalool oxide	0.02%
Monoterpene	**0.92%**
limonene (d)	0.35%
p-cymene	0.19%
γ-terpinene	0.16%
δ-2-carene	0.07%
α-pinene	0.05%
β-pinene	0.04%
terpinolene	0.04%
sabinene	0.02%
Diterpenol	**0.07%**
phytol	0.07%
Aldehyde	**0.07%**
geranial	0.03%
pentadecanal	0.02%
neral	0.02%
Phenol	**0.05%**
eugenol	0.05%
Furan	**0.05%**
furan, 2,5-diethenyltetrahydro-2-methyl	0.05%

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SPECIFIC GRAVITY @20°C	REFRACTIVE INDEX @20°C	FLASH POINT
.955	**1.480**	**97**

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