AROMATICS DATA

GC-MS BATCH SUMMARY

Batch WOR-109

November 9, 2026

Orange Wild Essential Oil

Citrus sinensis

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
January 20, 2025	Cold Pressed	Wildcrafted	Italy

TOP 5 COMPONENTS

of 62 measured

limonene (d)	Monoterpene	**88.42%**
β-myrcene	Monoterpene	**4.02%**
α-pinene	Monoterpene	**1.26%**
sabinene	Monoterpene	**1.07%**
linalool	Monoterpenol	**0.93%**

Full composition · 62 components across 9 families

Monoterpene	**95.69%**
limonene (d)	88.42%
β-myrcene	4.02%
α-pinene	1.26%
sabinene	1.07%
δ-3-carene	0.55%
β-pinene	0.17%
terpinolene	0.08%
(E)-β-ocimene	0.04%
γ-terpinene	0.03%
isoterpinolene	0.02%

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/orange-wild-essential-oil#batch=WOR-109

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α-thujene	0.01%
(Z)-β-ocimene	0.01%
camphene	0.01%
Aldehyde	**2.36%**
decanal	0.83%
octanal	0.72%
geranial	0.23%
citronellal	0.12%
neral	0.12%
β-sinensal	0.10%
dodecanal	0.07%
nonanal	0.07%
perillaldehyde	0.04%
α-sinensal	0.04%
undecanal	0.02%
Monoterpenol	**1.16%**
linalool	0.93%
α-terpineol	0.09%
(E)-carveol	0.04%
1-octanol	0.03%
(E)-p-mentha-2,8-dien-1-ol	0.02%
(Z)-carveol	0.01%
citronellol	0.01%
nerol	0.01%
terpinen-4-ol	0.01%
(E)-sabinene hydrate	0.01%
Sesquiterpene	**0.46%**
eremophilene	0.10%
α-copaene	0.05%

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δ-cadinene	0.05%
β-cubebene	0.04%
β-copaene	0.04%
(E)-β-farnesene	0.04%
β-elemene	0.03%
β-caryophyllene	0.03%
germacrene D	0.03%
α-selinene	0.02%
(E,E)-α-farnesene	0.02%
β-sesquiphellandrene	0.01%
Other	**0.07%**
tetradecane	0.02%
limonen-10-ol	0.01%
nonacosane	0.01%
heptacosane	0.01%
tricosane	0.01%
hexadecane	0.01%
Oxide	**0.07%**
(E)-limonene oxide	0.06%
(Z)-limonene oxide	0.01%
Ketone	**0.06%**
carvone	0.05%
nootkatone	0.01%
Ester	**0.06%**
linalyl acetate	0.03%
neryl acetate	0.01%
citronellyl acetate	0.01%
octyl acetate	0.01%

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Sesquiterpenol	**0.03%**
elemol	0.02%
α-muurolol	0.01%

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