AROMATICS DATA

GC-MS BATCH SUMMARY

Batch MAR-106

November 15, 2026

Mandarin (Red) Essential Oil

Citrus reticulata

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
November 15, 2024	Cold Pressed	Certified Organic	Italy

TOP 5 COMPONENTS

of 28 measured

limonene (d)	Monoterpene	**74.52%**
γ-terpinene	Monoterpene	**17.01%**
α-pinene	Monoterpene	**1.81%**
β-myrcene	Monoterpene	**1.60%**
β-pinene	Monoterpene	**1.24%**

Full composition · 28 components across 7 families

Monoterpene	**98.33%**
limonene (d)	74.52%
γ-terpinene	17.01%
α-pinene	1.81%
β-myrcene	1.60%
β-pinene	1.24%
terpinolene	0.69%
α-thujene	0.62%
α-terpinene	0.34%
p-cymene	0.24%
sabinene	0.20%

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/mandarin-red-essential-oil#batch=MAR-106

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α-phellandrene	0.05%
camphene	0.01%
Aldehyde	**0.53%**
α-sinensal	0.33%
decanal	0.07%
octanal	0.06%
perillaldehyde	0.04%
nonanal	0.02%
citronellal	0.01%
Ester	**0.35%**
methyl n-methyl anthranilate	0.35%
Other	**0.30%**
(e,e)-, α-farnesene	0.18%
(b)-caryophyllene	0.09%
octanol - - 0.02	0.02%
(E)-, β-ocimene	0.01%
Monoterpenol	**0.26%**
α-terpineol	0.13%
linalool	0.07%
terpinen-4-ol	0.06%
Phenol	**0.06%**
thymol	0.06%
Sesquiterpene	**0.04%**
α-selinene	0.04%

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