AROMATICS DATA

GC-MS BATCH SUMMARY

Batch MRY-109

October 31, 2026

Myrtle (Red) Essential Oil

Myrtus communis

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
October 20, 2023	Steam Distilled	Certified Organic	Morocco

TOP 5 COMPONENTS

of 60 measured

1,8-cineole	Oxide	**45.27%**
α-pinene	Monoterpene	**21.91%**
myrtenyl acetate	Ester	**12.96%**
linalool	Monoterpenol	**5.32%**
α-terpineol	Monoterpenol	**4.77%**

Full composition · 60 components across 8 families

Oxide	**45.39%**
1,8-cineole	45.27%
caryophyllene oxide	0.04%
α-pinene oxide	0.04%
linalool (Z)-oxide	0.04%
Monoterpene	**24.35%**
α-pinene	21.91%
p-cymene	0.63%
β-pinene	0.54%
γ-terpinene	0.54%
β-myrcene	0.16%

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/myrtle-red-essential-oil#batch=MRY-109

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α-thujene	0.15%
α-phellandrene	0.10%
terpinolene	0.08%
(E)-β-ocimene	0.06%
(Z)-β-ocimene	0.06%
camphene	0.06%
δ-3-carene	0.03%
sabinene	0.02%
tricyclene	0.01%
Ester	**16.46%**
myrtenyl acetate	12.96%
geranyl acetate	1.98%
2-methylbutyl 2-methylbutyrate	0.29%
isobutyl isobutyrate	0.28%
isobutyl 2-methylbutyrate	0.26%
(Z)-pinocarvyl acetate	0.24%
α-terpinyl acetate	0.14%
2-methylbutyl isobutyrate	0.12%
geranyl isobutyrate	0.08%
(E)-carvyl acetate	0.06%
neryl acetate	0.05%
Monoterpenol	**11.01%**
linalool	5.32%
α-terpineol	4.77%
geraniol	0.40%
terpinen-4-ol	0.27%
(E)-pinocarveol	0.07%
δ-terpineol	0.07%
citronellol	0.03%

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(Z)-verbenol	0.03%
(Z)-p-mentha-2,8-dien-1-ol	0.02%
(E)-carveol	0.01%
fenchol	0.01%
(E)-p-mentha-2,8-dien-1-ol	0.01%
Ether	**0.92%**
methyl eugenol	0.74%
estragole (methyl chavicol)	0.18%
Sesquiterpene	**0.76%**
β-caryophyllene	0.36%
α-caryophyllene	0.12%
β-elemene	0.08%
β-selinene	0.05%
α-selinene	0.04%
β-bisabolene	0.04%
γ-elemene	0.02%
α-copaene	0.02%
(E)-γ-bisabolene	0.01%
β-santalene	0.01%
(Z)-hex-3-en-1-ol	0.01%
Other	**0.14%**
23.97 myrtanol acetate<trans->	0.08%
3.06 dimethyl-3-pentanone<2,4->	0.05%
dehydro-p-cymene	0.01%
Ketone	**0.04%**
flavesone	0.02%
6-methyl-5-hepten-2-one	0.01%
carvone	0.01%