AROMATICS DATA

GC-MS BATCH SUMMARY

Batch RMV-115

November 3, 2026

Rosemary ct Verbenone Essential Oil

Salvia rosmarinus ct. verbenone

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
November 25, 2024	Steam Distilled	Certified Organic	South Africa

TOP 5 COMPONENTS

of 54 measured

camphor	Ketone	**17.13%**
α-pinene	Monoterpene	**16.89%**
bornyl acetate	Ester	**10.35%**
1,8-cineole	Oxide	**9.72%**
verbenone	Ketone	**7.36%**

Full composition · 54 components across 9 families

Monoterpene	**39.70%**
α-pinene	16.89%
camphene	6.20%
limonene (d)	5.61%
p-cymene	2.51%
β-pinene	2.05%
β-myrcene	1.71%
terpinolene	1.44%
γ-terpinene	1.31%
α-terpinene	0.69%
α-phellandrene	0.40%

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

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tricyclene	0.27%
(Z)-β-ocimene	0.24%
α-thujene	0.17%
alloocimene	0.05%
sabinene	0.05%
(E)-β-ocimene	0.04%
hashishene	0.04%
p-mentha-1,3,8-triene	0.03%
Ketone	**28.35%**
camphor	17.13%
verbenone	7.36%
isopinocamphone	1.54%
thuja-2,4(10)-diene	1.33%
pinocamphone	0.50%
pinocarvone	0.14%
isopiperitenone	0.10%
chrysanthenone	0.08%
carvone	0.07%
mesityl oxide	0.05%
3-octanone	0.03%
piperitenone	0.02%
Ester	**10.50%**
bornyl acetate	10.35%
myrtenyl acetate	0.06%
bornyl formate	0.03%
camphene hydrate	0.02%
(Z)-pinocarvyl acetate	0.02%
(E)-verbenyl acetate	0.02%

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Oxide	**9.72%**
1,8-cineole	9.72%
Monoterpenol	**8.82%**
borneol	3.86%
linalool	1.77%
α-terpineol	1.43%
terpinen-4-ol	1.33%
(E)-pinocarveol	0.24%
p-cymen-8-ol	0.10%
(Z)-myrtanol	0.07%
(Z)-p-Menth-2-en-1-ol	0.02%
Sesquiterpene	**0.86%**
β-caryophyllene	0.71%
δ-elemene	0.08%
α-caryophyllene	0.07%
Other	**0.14%**
dehydro-p-cymene	0.13%
β-thujone	0.01%
Aldehyde	**0.11%**
α-campholene aldehyde	0.10%
myrtenal	0.01%
Sesquiterpenol	**0.09%**
(E)-myrtanol	0.06%
1-octen-3-ol	0.03%

REFRACTIVE INDEX @20°C	OPTICAL ROTATION @20°C
1.4724	**26.56**

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