AROMATICS DATA

GC-MS BATCH SUMMARY

Batch TAR-110

October 31, 2026

Tarragon Essential Oil

Artemisia dracunculus

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
September 15, 2024	**Steam Distilled**	**Certified Organic**	**France**

TOP 5 COMPONENTS

of 44 measured

estragole (methyl chavicol)	Ether	**69.58%**
sabinene	Monoterpene	**6.78%**
methyl eugenol	Ether	**5.68%**
limonene (d)	Monoterpene	**3.57%**
(E)-β-ocimene	Monoterpene	**3.32%**

Full composition · 44 components across 9 families

Ether	**75.29%**
estragole (methyl chavicol)	69.58%
methyl eugenol	5.68%
elemicin	0.03%
Monoterpene	**19.52%**
sabinene	6.78%
limonene (d)	3.57%
(E)-β-ocimene	3.32%
(Z)-β-ocimene	3.00%
α-pinene	1.04%
alloocimene	0.62%

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/tarragon-essential-oil#batch=TAR-110

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β-myrcene	0.61%
β-pinene	0.19%
p-cymene	0.16%
camphene	0.08%
p-mentha-1,3,8-triene	0.04%
γ-terpinene	0.04%
terpinolene	0.04%
α-thujene	0.03%
Ester	**2.35%**
geranyl acetate	1.73%
citronellyl acetate	0.31%
α-terpinyl acetate	0.10%
bornyl acetate	0.09%
(Z)-3-hexenyl acetate	0.05%
(E)-methylcinnamate	0.04%
(Z)-3-hexenyl isovalerate	0.03%
Monoterpenol	**0.49%**
terpinen-4-ol	0.27%
linalool	0.13%
(E)-sabinene hydrate	0.06%
citronellol	0.02%
(Z)-p-Menth-2-en-1-ol	0.01%
Other	**0.41%**
31.38 cinnamaldehyde<(E)-para-methoxy->	0.24%
(Z)-epoxy-ocimene	0.10%
6-methyl-3,5-heptadien-2-one	0.03%
24.51 trimenal<z->	0.02%
2-hexanone	0.01%
1-hexanol	0.01%

Aldehyde	**0.17%**
2,6-dimethyl-5-heptenal	0.13%
2-hexenal	0.02%
neral	0.02%
Oxide	**0.17%**
α-pinene oxide	0.13%
rosefuran oxide	0.03%
1,8-cineole	0.01%
Sesquiterpenol	**0.15%**
spathulenol	0.15%
Sesquiterpene	**0.07%**
β-caryophyllene	0.04%
(Z)-hex-3-en-1-ol	0.03%

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