AROMATICS DATA

GC-MS BATCH SUMMARY

Batch SWM-118

November 8, 2026

Marjoram (Sweet) Essential Oil

Origanum majorana

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
July 20, 2024	Steam Distilled	Certified Organic	Egypt

TOP 5 COMPONENTS

of 74 measured

terpinen-4-ol	Monoterpenol	19.97%
γ-terpinene	Monoterpene	13.35%
linalool	Monoterpenol	10.79%
α-terpinene	Monoterpene	9.23%
sabinene	Monoterpene	7.29%

Full composition · 74 components across 10 families

Monoterpene	**49.57%**
γ-terpinene	13.35%
α-terpinene	9.23%
sabinene	7.29%
β-phellandrene	5.54%
terpinolene	4.21%
α-thujene	2.37%
β-myrcene	2.25%
p-cymene	2.24%
α-phellandrene	1.38%
α-pinene	0.88%

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

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β-pinene	0.53%
(E)-β-ocimene	0.08%
pseudolimonene	0.07%
(Z)-β-ocimene	0.04%
camphene	0.03%
p-mentha-1,3,8-triene · 1,3,8-para-menthatriene	0.03%
p-mentha-1,3,8-triene · para-menthatriene	0.03%
hashishene	0.01%
alloocimene	0.01%
Monoterpenol	**41.31%**
terpinen-4-ol	19.97%
linalool	10.79%
(E)-sabinene hydrate	4.67%
α-terpineol	4.18%
(E)-p-menth-2-en-1-ol	0.85%
(E)-piperitol	0.21%
(E)-pinocarveol	0.12%
(E)-ascaridol glycol	0.11%
p-cymen-8-ol	0.08%
terpinen-1-ol	0.07%
borneol	0.07%
terpinen-4-yl acetate	0.07%
geraniol	0.06%
(E)-carveol	0.03%
citronellol	0.03%
Sesquiterpene	**4.09%**
β-caryophyllene	2.43%
aromadendrene	0.44%
viridiflorene	0.30%

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δ-elemene	0.20%
bicyclogermacrene	0.20%
α-caryophyllene	0.13%
β-gurjunene	0.06%
δ-guaiene	0.06%
longifolene	0.05%
allo-aromadendrene	0.05%
isoledene	0.04%
β-caryophyllene · cis-caryophyllene	0.04%
γ-elemene	0.02%
α-guaiene	0.02%
(E,E)-α-farnesene	0.02%
(Z)-hex-3-en-1-ol	0.01%
α-copaene	0.01%
δ-cadinene	0.01%
Ester	**3.27%**
linalyl acetate	3.01%
geranyl acetate	0.12%
neryl acetate	0.07%
ethyl 2-methylbutyrate	0.03%
bornyl acetate	0.02%
1-octen-3-yl acetate	0.01%
citronellyl formate	0.01%
Ketone	**0.17%**
3-octanone	0.08%
(E)-dihydrocarvone	0.04%
cryptone	0.02%
thuja-2,4(10)-diene	0.01%
isomenthone	0.01%

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carvone	0.01%
Other	**0.08%**
dehydro-p-cymene	0.04%
tridecane	0.03%
octane	0.01%
Sesquiterpenol	**0.05%**
spathulenol	0.02%
isospathulenol	0.02%
1-octen-3-ol	0.01%
Oxide	**0.04%**
caryophyllene oxide	0.04%
Phenol	**0.02%**
carvacrol	0.02%
Aldehyde	**0.01%**
2-hexenal	0.01%

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