

# Marjoram (Sweet) Essential Oil

*Origanum majorana*

Essential Oil

|                                           |                                      |                                         |                                   |
|-------------------------------------------|--------------------------------------|-----------------------------------------|-----------------------------------|
| DISTILLATION DATE<br><b>July 20, 2024</b> | EXTRACTION<br><b>Steam Distilled</b> | CULTIVATION<br><b>Certified Organic</b> | COUNTRY OF ORIGIN<br><b>Egypt</b> |
|-------------------------------------------|--------------------------------------|-----------------------------------------|-----------------------------------|

| 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

|                    |               |
|--------------------|---------------|
| <b>Monoterpene</b> | <b>49.57%</b> |
| 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.

Verify this batch: [data.aromatics.com/products/marjoram-sweet-essential-oil#batch=SWM-118](https://data.aromatics.com/products/marjoram-sweet-essential-oil#batch=SWM-118)

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|                        |               |
|------------------------|---------------|
| $\beta$ -pinene        | 0.53%         |
| (E)- $\beta$ -ocimene  | 0.08%         |
| pseudolimonene         | 0.07%         |
| (Z)- $\beta$ -ocimene  | 0.04%         |
| camphene               | 0.03%         |
| p-mentha-1,3,8-triene  | 0.03%         |
| p-mentha-1,3,8-triene  | 0.03%         |
| hashishene             | 0.01%         |
| alloocimene            | 0.01%         |
| <b>Monoterpenol</b>    | <b>41.31%</b> |
| terpinen-4-ol          | 19.97%        |
| linalool               | 10.79%        |
| (E)-sabinene hydrate   | 4.67%         |
| $\alpha$ -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%         |
| <b>Sesquiterpene</b>   | <b>4.09%</b>  |
| $\beta$ -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%        |
| isolekene              | 0.04%        |
| β-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%        |
| <b>Ester</b>           | <b>3.27%</b> |
| 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%        |
| <b>Ketone</b>          | <b>0.17%</b> |
| 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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|                       |              |
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| carvone               | 0.01%        |
| <b>Other</b>          | <b>0.08%</b> |
| dehydro-p-cymene      | 0.04%        |
| tridecane             | 0.03%        |
| octane                | 0.01%        |
| <b>Sesquiterpenol</b> | <b>0.05%</b> |
| spathulenol           | 0.02%        |
| isospathulenol        | 0.02%        |
| 1-octen-3-ol          | 0.01%        |
| <b>Oxide</b>          | <b>0.04%</b> |
| caryophyllene oxide   | 0.04%        |
| <b>Phenol</b>         | <b>0.02%</b> |
| carvacrol             | 0.02%        |
| <b>Aldehyde</b>       | <b>0.01%</b> |
| 2-hexenal             | 0.01%        |

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