

Melissa Essential Oil

Melissa officinalis

Essential Oil

DISTILLATION DATE June 1, 2024	EXTRACTION Steam Distilled	CULTIVATION Certified Organic	COUNTRY OF ORIGIN Bulgaria
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TOP 5 COMPONENTS		of 96 measured
geranial	Aldehyde	26.68%
neral	Aldehyde	18.82%
β-caryophyllene	Sesquiterpene	15.59%
germacrene D	Sesquiterpene	7.24%
geranyl acetate	Ester	4.73%

Full composition · 96 components across 11 families

Aldehyde	49.50%
geranial	26.68%
neral	18.82%
citronellal	2.45%
isogeranial	0.72%
isoneral	0.55%
nonanal	0.18%
isogeranial	0.05%
2,6-dimethyl-5-heptenal	0.02%
myrtenal	0.01%
2-hexenal	0.01%

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

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2-decanal	0.01%
Sesquiterpene	29.62%
β-caryophyllene	15.59%
germacrene D	7.24%
α-caryophyllene	1.13%
δ-cadinene	1.09%
α-copaene	0.84%
(Z,E)-α-farnesene	0.71%
β-elemene	0.44%
(E,E)-α-farnesene	0.40%
β-cubebene	0.34%
β-copaene	0.33%
(E)-β-farnesene	0.33%
γ-cadinene	0.31%
γ-murolene	0.18%
allo-aromadendrene	0.17%
9-epi-caryophyllene	0.12%
α-cadinene	0.09%
β-caryophyllene	0.07%
δ-elemene	0.05%
(Z)-cadina-1(6),4-diene	0.04%
(E)-cadina-1,4-diene	0.04%
α-cubebene	0.04%
β-selinene	0.03%
(E)-α-bergamotene	0.02%
δ-amorphene	0.02%
Ester	6.38%
geranyl acetate	4.73%
methyl geranate	0.62%

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methyl citronellate	0.45%
neryl acetate	0.40%
(Z)-muurola-4(14),5-diene	0.10%
methyl salicylate	0.04%
geranyl formate	0.02%
(Z)-3-hexenyl acetate	0.02%
Monoterpenol	3.99%
geraniol	1.82%
nerol	0.71%
linalool	0.67%
citronellol	0.37%
τ -cadinol	0.19%
α -terpineol	0.09%
(E)-carveol	0.07%
neoisopulegol	0.05%
3-hexen-1-ol	0.02%
Monoterpene	2.32%
(E)- β -ocimene	1.55%
limonene (d)	0.26%
β -myrcene	0.19%
(Z)- β -ocimene	0.14%
alloocimene	0.05%
sabinene	0.04%
α -pinene	0.03%
γ -terpinene	0.02%
camphene	0.01%
p-cymene	0.01%
terpinolene	0.01%
β -pinene	0.01%

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Sesquiterpenol	1.78%
α-cadinol	0.43%
1-octen-3-ol	0.33%
α-muurolol	0.33%
germacrene D-4-ol	0.21%
τ-muurolol	0.20%
α-muurolol	0.06%
1-decanol	0.06%
epi-cubenol	0.04%
3-octanol	0.04%
allohimachalol	0.03%
1,10-epi-cubenol	0.03%
(E)-nerolidol	0.01%
junenol	0.01%
Ketone	1.52%
6-methyl-5-hepten-2-one	1.49%
β-damascenone	0.03%
Oxide	1.41%
caryophyllene oxide	1.07%
α-pinene oxide	0.12%
rosefuran oxide	0.07%
(Z)-rose oxide	0.05%
humulene epoxide 2	0.05%
(E)-rose oxide	0.03%
linalool (Z)-oxide	0.01%
allo-aromadendrene epoxide	0.01%
Other	0.49%
12.45 undecyne<1->	0.28%
15.01 verbanol<neo->	0.09%

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geranate	0.06%
octane	0.02%
phenylacetaldehyde	0.02%
1-hexanol	0.01%
nonacosane	0.01%
Furan	0.01%
perillene	0.01%
Diterpenol	0.01%
phytol	0.01%

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