AROMATICS DATA

GC-MS BATCH SUMMARY

Batch ABB-104

November 15, 2026

Bee Balm (Artisan) Essential Oil

Monarda fistulosa

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
July 1, 2025	Steam Distilled	Certified Organic	USA

TOP 5 COMPONENTS

of 50 measured

carvacrol	Phenol	**40.78%**
γ-terpinene	Monoterpene	**17.37%**
p-cymene	Monoterpene	**9.80%**
α-terpinene	Monoterpene	**4.48%**
1-octen-3-ol	Sesquiterpenol	**4.37%**

Full composition · 50 components across 11 families

Phenol	**44.11%**
carvacrol	40.78%
thymol	3.33%
Monoterpene	**43.03%**
γ-terpinene	17.37%
p-cymene	9.80%
α-terpinene	4.48%
β-myrcene	3.65%
α-thujene	3.45%
limonene (d)	1.08%
α-pinene	0.93%

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/bee-balm-artisan-essential-oil#batch=ABB-104

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α-phellandrene	0.63%
β-phellandrene	0.38%
sabinene	0.29%
β-pinene	0.25%
δ-3-carene	0.25%
terpinolene	0.18%
(E)-β-ocimene	0.15%
camphene	0.13%
o-cymene	0.01%
Sesquiterpenol	**4.37%**
1-octen-3-ol	4.37%
Sesquiterpene	**3.04%**
germacrene D	1.12%
β-caryophyllene	0.85%
(E,E)-α-farnesene	0.34%
β-copaene	0.13%
β-elemene	0.11%
β-bourbonene	0.10%
(E)-β-farnesene	0.10%
γ-muurolene	0.09%
α-copaene	0.09%
α-caryophyllene	0.08%
α-cubebene	0.03%
Monoterpenol	**2.14%**
terpinen-4-ol	0.90%
(E)-sabinene hydrate	0.56%
α-terpineol	0.17%
(Z)-sabinene hydrate	0.13%
p-cymen-8-ol	0.10%

linalool	0.10%
borneol	0.10%
(Z)-p-Menth-2-en-1-ol	0.03%
1-octanol	0.02%
(E)-p-menth-2-en-1-ol	0.02%
(E)-verbenol	0.01%
Ether	**0.48%**
methyl carvacrol	0.48%
Other	**0.46%**
tridecane	0.39%
dec-1-en-3-ol	0.07%
Ketone	**0.18%**
3-octanone	0.12%
thuja-2,4(10)-diene	0.05%
carvone	0.01%
Ester	**0.14%**
bornyl acetate	0.14%
Oxide	**0.06%**
1,8-cineole	0.06%
Aldehyde	**0.05%**
nonanal	0.05%

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