AROMATICS DATA

GC-MS BATCH SUMMARY

Batch CIB-112

November 13, 2026

Cinnamon Bark Essential Oil

Cinnamomum verum

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
October 15, 2024	Steam Distilled	Certified Organic	Sri Lanka

TOP 5 COMPONENTS

of 57 measured

(E)-cinnamaldehyde	Aldehyde	**58.40%**
cinnamyl acetate	Ester	**7.46%**
β-caryophyllene	Sesquiterpene	**6.62%**
eugenol	Phenol	**5.32%**
linalool	Monoterpenol	**5.18%**

Full composition · 57 components across 11 families

Aldehyde	**59.20%**
(E)-cinnamaldehyde	58.40%
(E)-2-methoxycinnamaldehyde	0.29%
(Z)-cinnamaldehyde	0.23%
tetradecanal	0.14%
3-phenylpropanal	0.09%
benzaldehyde	0.05%
Monoterpene	**8.95%**
p-cymene	4.17%
α-pinene	2.84%
α-phellandrene	0.68%

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/cinnamon-bark-essential-oil#batch=CIB-112

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α-terpinene	0.28%
camphene	0.24%
β-pinene	0.22%
α-thujene	0.14%
β-myrcene	0.08%
terpinolene	0.06%
styrene	0.06%
sabinene	0.05%
δ-3-carene	0.05%
(Z)-β-ocimene	0.03%
γ-terpinene	0.03%
(E)-β-ocimene	0.02%
Ester	**8.08%**
cinnamyl acetate	7.46%
benzyl benzoate	0.45%
eugenyl acetate	0.10%
2-methylbutyl 2-methylbutyrate	0.04%
3-phenylpropyl acetate	0.03%
Sesquiterpene	**7.49%**
β-caryophyllene	6.62%
α-caryophyllene	0.41%
α-copaene	0.29%
δ-cadinene	0.05%
(E)-α-bisabolene	0.03%
β-bisabolene	0.03%
ar-curcumene	0.02%
β-caryophyllene · cis-caryophyllene	0.02%
viridiflorene	0.01%
γ-cadinene	0.01%

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Monoterpenol	**5.41%**
linalool	5.18%
α-terpineol	0.15%
terpinen-4-ol	0.07%
borneol	0.01%
Phenol	**5.40%**
eugenol	5.32%
3-phenyl-1-propanol	0.06%
carvacrol	0.02%
Oxide	**5.10%**
1,8-cineole	4.80%
caryophyllene oxide	0.26%
humulene epoxide 2	0.02%
linalool (Z)-oxide	0.02%
Other	**0.10%**
ortho-anisaldehyde	0.03%
β-caryophyllene alcohol	0.03%
cinnamyl alcohol	0.02%
phenylethyl alcohol	0.01%
dehydro-p-cymene	0.01%
Ether	**0.06%**
safrole	0.06%
Sesquiterpenol	**0.04%**
pogostol	0.02%
α-muurolol	0.01%
spathulenol	0.01%
Ketone	**0.01%**
camphor	0.01%

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