AROMATICS DATA

GC-MS BATCH SUMMARY

Batch TML-105

October 31, 2026

Tamala Essential Oil

Cinnamomum tamala ct linalool

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
April 26, 2022	**Steam Distilled**	**Wildcrafted**	**Nepal**

TOP 5 COMPONENTS

of 97 measured

linalool	Monoterpenol	**40.42%**
1,8-cineole	Oxide	**14.61%**
α-pinene	Monoterpene	**6.00%**
camphor	Ketone	**5.94%**
limonene (d)	Monoterpene	**3.74%**

Full composition · 97 components across 11 families

Monoterpenol	**44.17%**
linalool	40.42%
terpinen-4-ol	1.16%
α-terpineol	1.13%
borneol	0.71%
hotrienol	0.36%
p-cymen-8-ol	0.10%
(E)-pinocarveol	0.07%
geraniol	0.06%
(Z)-p-Menth-2-en-1-ol	0.04%
terpinen-4-yl acetate	0.04%

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/tamala-oil#batch=TML-105

Generated October 31, 2026 from live batch data · © 2026 Aromatics International

linalool pyranic oxide	0.04%
nerol	0.01%
fenchol	0.01%
τ-cadinol	0.01%
isopulegol	0.01%
Monoterpene	**22.63%**
α-pinene	6.00%
limonene (d)	3.74%
p-cymene	3.61%
β-pinene	2.65%
camphene	1.95%
α-phellandrene	1.17%
β-myrcene	0.98%
α-thujene	0.60%
sabinene	0.47%
δ-3-carene	0.40%
γ-terpinene	0.34%
terpinolene	0.28%
α-terpinene	0.20%
(E)-β-ocimene	0.08%
(Z)-β-ocimene	0.07%
tricyclene	0.04%
isoterpinolene	0.03%
p-mentha-1,3,8-triene	0.01%
styrene	0.01%
Oxide	**15.76%**
1,8-cineole	14.61%
linalool (Z)-oxide	0.42%
caryophyllene oxide	0.41%

(E)-linalool oxide	0.30%
humulene epoxide 2	0.02%
Ketone	**6.03%**
camphor	5.94%
6-methyl-5-hepten-2-one	0.02%
thuja-2,4(10)-diene	0.02%
geranylacetone	0.02%
cryptone	0.02%
carvone	0.01%
Sesquiterpene	**4.78%**
β-caryophyllene	2.56%
α-copaene	0.84%
α-caryophyllene	0.23%
δ-cadinene	0.21%
α-cubebene	0.19%
aromadendrene	0.10%
viridiflorene	0.10%
γ-muurolene	0.09%
γ-cadinene	0.09%
α-gurjunene	0.08%
β-selinene	0.07%
β-elemene	0.05%
α-selinene	0.05%
allo-aromadendrene	0.03%
α-cadinene	0.02%
ar-curcumene	0.02%
β-gurjunene	0.02%
β-bisabolene	0.01%
β-caryophyllene · cis-caryophyllene	0.01%

Generated October 31, 2026 from live batch data · © 2026 Aromatics International

(Z)-hex-3-en-1-ol	0.01%
Ester	**3.39%**
(E)-methylcinnamate	1.84%
bornyl acetate	1.23%
cinnamyl acetate	0.21%
geranyl acetate	0.06%
(Z)-methylcinnamate	0.05%
Aldehyde	**1.32%**
(E)-cinnamaldehyde	0.73%
salicylaldehyde	0.14%
(E)-2-methoxycinnamaldehyde	0.14%
3-phenylpropanal	0.10%
benzaldehyde	0.06%
decanal	0.06%
geranial	0.03%
α-campholene aldehyde	0.02%
cuminal	0.02%
2-hexenal	0.01%
2-decanal	0.01%
Other	**0.66%**
coumarin	0.39%
48.66 kaurene	0.11%
ortho-anisaldehyde	0.05%
dehydro-p-cymene	0.04%
(E)-calamenene	0.03%
1-tetradecene	0.02%
34.40 caryophylla-4(12),8(13)-dien-5-α-ol	0.01%
2-hexanone	0.01%

Generated October 31, 2026 from live batch data · © 2026 Aromatics International

Sesquiterpenol	**0.47%**
(E)-nerolidol	0.28%
spathulenol	0.07%
α-muurolol	0.07%
guaiol	0.05%
Phenol	**0.10%**
eugenol	0.08%
3-phenyl-1-propanol	0.02%
Ether	**0.09%**
safrole	0.06%
estragole (methyl chavicol)	0.03%