AROMATICS DATA

GC-MS BATCH SUMMARY

Batch LNB-101

November 10, 2026

Linaloe Berry Essential Oil

Bursera linanoe

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
July 1, 2026	Steam Distilled	Organically Grown	India

TOP 5 COMPONENTS

of 51 measured

linalool	Monoterpenol	39.59%
linalyl acetate	Ester	22.25%
α-terpineol	Monoterpenol	9.27%
geranyl acetate	Ester	4.77%
β-caryophyllene	Sesquiterpene	3.54%

This batch of Linaloe Berry essential oil (LNB-101) comes from organically grown *Bursera linanoe* (syn. Bursera delpechiana) in India, steam distilled from the berries in July 2026. Linaloe is prized for its soft, sweet, gently woody-floral aroma, a scent that settles a room quickly and blends beautifully into perfumery accords and calming diffuser work.

Every batch we bring in is independently GC-MS tested before it reaches our shelves, and the analysis for LNB-101 is published here alongside its certificate of analysis. You can download both and read the full component profile yourself rather than taking a description at its word.

CHEMISTRY HIGHLIGHTS

Batch LNB-101 reads as a linalool/linalyl acetate axis with linalool at 39.59% and its acetate at 22.25% carry more than 60% of the oil, and the monoterpenol total (53.94%) sits over the ester total (30.91%). What I like is that the whole acetate family tracks its parent alcohols here, geranyl acetate 4.77% and neryl acetate 2.75% alongside nerol 1.87%, so the esterification pattern is visible.

The two linalool oxides are nearly mirror-matched at 3.49% (E) and 3.41% (Z), with 1.26% of the

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2,6-dimethyloct-7-en-2,6-diol that usually travels with them. α-Terpineol is notably present at 9.27%. Across 51 identified components, look at the 0.42% (Z)-3-hexenyl butyrate, a small green-fruity marker of *Bursera linanoe* berry distillate.

Full composition · 51 components across 9 families

Monoterpenol	**53.94%**
linalool	39.59%
α-terpineol	9.27%
nerol	1.87%
γ-terpineol	1.79%
terpinen-4-ol	0.66%
borneol	0.23%
(Z)-β-terpineol · β-terpineol	0.16%
(Z)-β-terpineol · cis-β-terpineol	0.15%
terpinen-1-ol	0.13%
isoborneol	0.04%
fenchol	0.03%
hotrienol	0.02%
Ester	**30.91%**
linalyl acetate	22.25%
geranyl acetate	4.77%
neryl acetate	2.75%
(Z)-3-hexenyl butyrate	0.42%
α-terpinyl acetate	0.27%
geranyl formate	0.26%
neryl formate	0.19%
Oxide	**7.23%**
(E)-linalool oxide	3.49%
linalool (Z)-oxide	3.41%
caryophyllene oxide	0.30%

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humulene epoxide 2	0.02%
allo-aromadendrene epoxide	0.01%
Sesquiterpene	**4.11%**
β-caryophyllene	3.54%
α-caryophyllene	0.39%
α-copaene	0.08%
longifolene	0.04%
δ-amorphene	0.03%
italicene	0.02%
β-caryophyllene · cis-caryophyllene	0.01%
Other	**1.71%**
2,6-Dimethyloct-7-en-2,6-diol	1.26%
Isoisopulegyl acetate	0.31%
Carvomenthyl acetate<neoiso->	0.04%
Butanediol<2,3->	0.03%
ascaridole	0.03%
lavender lactone	0.02%
octane	0.01%
Caryophylla-4(12),8(13)-dien-5...α-ol	0.01%
Monoterpene	**1.24%**
limonene (d)	0.41%
β-myrcene	0.31%
(Z)-β-ocimene	0.17%
(E)-β-ocimene	0.13%
p-cymene	0.08%
α-pinene	0.07%
alloocimene	0.07%
Ketone	**0.06%**
isomenthone	0.04%

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camphor	0.02%
Aldehyde	**0.04%**
decane	0.03%
neral	0.01%
Sesquiterpenol	**0.03%**
longipinanol	0.03%

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/linaloe-berry-essential-oil#batch=LNB-101

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