AROMATICS DATA

GC-MS BATCH SUMMARY

Batch EUC-114

November 15, 2026

Eucalyptus (Lemon) Essential Oil

Corymbia citriodora

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
March 15, 2026	Steam Distilled	Certified Organic	Madagascar

TOP 5 COMPONENTS

of 27 measured

citronellal	Aldehyde	78.42%
isopulegol	Monoterpenol	5.92%
citronellol	Monoterpenol	5.20%
citronellyl acetate	Ester	1.23%
β-caryophyllene	Sesquiterpene	1.22%

Batch EUC-114 comes from certified organic Eucalyptus citriodora grown in Madagascar, where the leaves are steam distilled to capture the bright, lemony-sweet character this oil is known for. Distillation was completed in March 2026, and the oil carries a fresh, citronella-like lift with a soft herbaceous base.

Aldehydes make up nearly 79% of the profile, the family behind this oil's crisp, uplifting aroma, while monoterpenols at just over 11% round it out with a gentler, skin-friendly quality often turned to for supporting comfort and clarity.

Every batch we bottle is independently GC-MS tested before it reaches you. The full chromatogram report and certificate of analysis for EUC-114 are available to download here, so you can see exactly what is in the bottle.

CHEMISTRY HIGHLIGHTS

Citronellal lands at 78.42%, essentially on top of the 78.06% mean across our eight analyzed batches of *Eucalyptus citriodora* and comfortably inside the 68.6-88.05% span we have seen. What makes EUC-114 interesting is the supporting cast. Citronellyl acetate reaches 1.23%, just past the 0.07-1.19% range recorded in our other batches, and it sits alongside 5.2% of its parent alcohol citronellol, a tidy ester-alcohol pairing.

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The isopulegol picture is lopsided this time: 5.92% isopulegol against only 0.27% of the neoiso- isomer, well under the 1.48-7.39% that isomer has shown when detected. 1,8-cineole is quiet at 0.48%, half the 0.98% mean, leaving the aldehyde-dominant profile (78.65% of the total) with very little camphoraceous lift.

Full composition · 27 components across 9 families

Aldehyde	**78.65%**
citronellal	78.42%
2,6-dimethyl-5-heptenal	0.23%
Monoterpenol	**11.42%**
isopulegol	5.92%
citronellol	5.20%
linalool	0.08%
geraniol	0.08%
α-terpineol	0.07%
nerol	0.07%
Monoterpene	**1.71%**
β-pinene	0.47%
p-mentha-3,8-diene	0.27%
isoterpinolene	0.22%
limonene (d)	0.21%
α-pinene	0.17%
γ-terpinene	0.15%
β-myrcene	0.14%
δ-3-carene	0.08%
Ester	**1.30%**
citronellyl acetate	1.23%
2-phenylethyl isobutyrate	0.07%
Sesquiterpene	**1.28%**
β-caryophyllene	1.22%

α-caryophyllene	0.06%
Other	**1.20%**
Menthol<8-hydroxyneo->	0.93%
isopulegol<neoiso->	0.27%
Oxide	**0.55%**
1,8-cineole	0.48%
(E)-rose oxide	0.07%
Ketone	**0.17%**
isomenthone	0.10%
β-thujone	0.07%
Phenol	**0.08%**
eugenol	0.08%

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