AROMATICS DATA

GC-MS BATCH SUMMARY

Batch LMV-106

November 15, 2026

Lemon Verbena Essential Oil

Aloysia citrodora

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
March 20, 2023	Steam Distilled	Certified Organic	Morocco

TOP 5 COMPONENTS

of 58 measured

limonene (d)	Monoterpene	**22.23%**
geranial	Aldehyde	**10.28%**
neral	Aldehyde	**7.95%**
1,8-cineole	Oxide	**7.29%**
ar-curcumene	Sesquiterpene	**4.82%**

Full composition · 58 components across 10 families

Monoterpene	**29.75%**
limonene (d)	22.23%
(E)-β-ocimene	2.75%
sabinene	2.66%
α-pinene	1.27%
β-myrcene	0.40%
β-pinene	0.17%
γ-terpinene	0.14%
α-thujene	0.14%
Sesquiterpene	**19.97%**
ar-curcumene	4.82%

Every batch is GC-MS tested by an independent lab. This report is provided for full transparency by Aromatics International.

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β-caryophyllene	4.47%
germacrene D	2.19%
bicyclogermacrene	1.70%
β-curcumene	1.02%
α-zingiberene	0.84%
β-bourbonene	0.79%
α-copaene	0.75%
allo-aromadendrene	0.73%
δ-cadinene	0.60%
α-cedrene	0.57%
α-caryophyllene	0.35%
bicycloelemene	0.34%
γ-cadinene	0.26%
β-cedrene	0.25%
β-copaene	0.18%
β-bisabolene	0.11%
Aldehyde	**19.35%**
geranial	10.28%
neral	7.95%
photocitral A	0.62%
citronellal	0.27%
photocitral B	0.24%
Oxide	**11.04%**
1,8-cineole	7.29%
caryophyllene oxide	3.57%
rosefuran oxide	0.18%
Monoterpenol	**3.55%**
α-terpineol	1.26%
τ-cadinol	0.49%

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nerol	0.44%
(Z)-sabinene hydrate	0.40%
linalool	0.32%
geraniol	0.26%
terpinen-4-ol	0.25%
δ-terpineol	0.13%
Ketone	**2.67%**
6-methyl-5-hepten-2-one	2.09%
carvone	0.34%
piperitenone	0.25%
Sesquiterpenol	**2.67%**
spathulenol	2.05%
(E)-nerolidol	0.61%
Other	**2.23%**
epi-photo-citral-a	0.38%
ar-tumerol	0.33%
cis-para-mentha-2,8-diene-1-ol	0.28%
iso-geranial	0.28%
epoxyde d'humulene ii	0.27%
z)-beta-ocimene	0.20%
propanoate de geranyle	0.17%
iso-neral	0.17%
acide geranique	0.17%
Ester	**0.96%**
geranyl acetate	0.80%
methyl 2-methylbutyrate	0.16%
Phenol	**0.05%**
eugenol	0.05%

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REFRACTIVE INDEX @20°C	OPTICAL ROTATION @20°C
1.48215	**-23.92**

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