AROMATICS DATA

GC-MS BATCH SUMMARY

Batch GUA-104

October 31, 2026

Guava Leaf Essential Oil

Psidium guajava

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
June 1, 2022	Steam Distilled	Wildcrafted	Thailand

TOP 5 COMPONENTS

of 115 measured

β-caryophyllene	Sesquiterpene	**25.59%**
limonene (d)	Monoterpene	**24.21%**
α-pinene	Monoterpene	**4.77%**
α-copaene	Sesquiterpene	**3.47%**
caryophyllene oxide	Oxide	**3.37%**

Full composition · 115 components across 10 families

Sesquiterpene	**46.41%**
β-caryophyllene	25.59%
α-copaene	3.47%
aromadendrene	2.85%
β-bisabolene	2.26%
δ-cadinene	1.70%
α-caryophyllene	1.51%
(E)-β-farnesene	1.51%
(Z)-α-bisabolene	1.32%
sesquiterpene	0.99%
allo-aromadendrene	0.96%

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/guava-leaf-essential-oil#batch=GUA-104

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cadina-1,4-diene	0.67%
γ-muurolene	0.51%
β-selinene	0.40%
γ-cadinene	0.35%
α-selinene	0.32%
α-calacorene	0.31%
(E)-α-bisabolene	0.15%
copacamphene	0.15%
ledene	0.15%
α-curcumene	0.14%
α-gurjunene	0.14%
isocaryophyllene	0.11%
β-cubebene	0.09%
epoxy-6,7-humulene	0.08%
(Z)-calamenene	0.08%
β-curcumene	0.06%
humulol	0.06%
zonarene	0.06%
γ-gurjunene	0.05%
calacorene isomer	0.05%
isoledene	0.05%
γ-selinene	0.04%
β-calacorene	0.04%
(E)-α-bergamotene	0.04%
γ-curcumene	0.04%
eremophilene	0.04%
α-cubebene	0.03%
β-sesquiphellandrene	0.02%
ylangene	0.02%

Monoterpene	**32.02%**
limonene (d)	24.21%
α-pinene	4.77%
β-phellandrene	1.51%
(Z)-β-ocimene	0.53%
β-myrcene	0.40%
(E)-β-ocimene	0.19%
p-cymene	0.10%
β-pinene	0.09%
γ-terpinene	0.07%
menthatriene isomer	0.03%
psi-limonene	0.03%
camphene	0.02%
α-thujene	0.02%
terpinolene	0.02%
α-phellandrene	0.01%
α-p-dimethylstyrene	0.01%
2,6-dimethyl-2,4,6-octatriene	0.01%
Sesquiterpenol	**10.71%**
nerolidol	1.84%
globulol	1.58%
caryophylla-2(12),6-dien-5-α-ol	1.38%
miscellaneous sesquiterpenol	0.87%
δ-cadinol	0.49%
ledol	0.48%
cubenol	0.46%
epi-globulol	0.42%
caryophylladienol isomer	0.37%
α-muurolol	0.35%
α-muurolol · α-muurolene	0.32%

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α-cadinol	0.32%
epi-cubenol	0.31%
viridiflorol	0.20%
α-bisabolol	0.18%
spathulenol	0.14%
10-epi-γ-eudesmol	0.14%
eudesma-7(11)-en-4-ol	0.13%
caryophyllenol	0.12%
rosifoliol	0.11%
maaliol	0.11%
gleenol	0.11%
cedrol	0.09%
β-bisabolol	0.08%
(E,E)-farnesol	0.07%
palustrol	0.04%
Oxide	**5.21%**
caryophyllene oxide	3.37%
1,8-cineole	1.51%
isocaryophyllene oxide	0.22%
humulene epoxide	0.11%
Other	**3.99%**
aromatic component · aromatic compound	1.31%
(E)-calamenene	0.98%
sesquiterpenic oxide	0.91%
5-epi-7-epi-α-eudesmol	0.15%
aromatic ester	0.12%
4-acetylcyclohex-1-ene, 1-methyl-	0.09%
santalene isomer	0.08%
terpenic oxide	0.07%

cis-p-mentha-1(7),8-dien-2-ol	0.06%
cadalene	0.06%
compound mw=218	0.05%
aromatic component · ketonic compound	0.03%
lavandulal	0.03%
palmitic acid	0.02%
compound mw=190	0.02%
compound mw=136	0.01%
Monoterpenol	**1.01%**
α-terpineol	0.42%
τ-cadinol	0.40%
linalool	0.06%
(E)-p-mentha-2,8-dien-1-ol	0.05%
(Z)-carveol	0.03%
(Z)-p-2,8-menthadien-1-ol	0.03%
(E)-piperitol	0.02%
Aldehyde	**0.23%**
benzaldehyde	0.23%
Ester	**0.08%**
isoprenyl benzoate	0.04%
benzyl benzoate	0.03%
bornyl acetate	0.01%
Ketone	**0.03%**
6-methyl-5-hepten-2-one	0.03%
Diterpenol	**0.01%**
phytol	0.01%

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