AROMATICS DATA

GC-MS BATCH SUMMARY

Batch RLG-104

November 13, 2026

Lemongrass ct Rhodinol Essential Oil

Cymbopogon citratus ct rhodinol

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
October 11, 2019	Steam Distilled	Organically Grown	India

TOP 5 COMPONENTS

of 99 measured

geraniol	Monoterpenol	**40.62%**
citronellol	Monoterpenol	**23.54%**
citronellal	Aldehyde	**4.71%**
geranial	Aldehyde	**4.19%**
γ-cadinene	Sesquiterpene	**3.72%**

Full composition · 99 components across 12 families

Monoterpenol	**68.90%**
geraniol	40.62%
citronellol	23.54%
linalool	3.25%
isopulegol	0.40%
borneol	0.30%
nerol	0.24%
α-terpineol	0.18%
neoisopulegol	0.14%
1-octanol	0.07%
terpinen-4-ol	0.06%

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/lemongrass-ct-rhodinol-oil#batch=RLG-104

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(Z)-piperitol	0.05%
τ-cadinol	0.04%
γ-geraniol	0.01%
Aldehyde	**12.11%**
citronellal	4.71%
geranial	4.19%
neral	2.93%
decanal	0.11%
isoneral	0.09%
photocitral A	0.04%
octanal	0.04%
Sesquiterpene	**7.43%**
γ-cadinene	3.72%
β-caryophyllene	0.96%
δ-cadinene	0.88%
germacrene D	0.79%
β-elemene	0.24%
β-bourbonene	0.14%
(E)-α-bergamotene	0.12%
ε-cadinene	0.11%
α-amorphene	0.08%
γ-muurolene	0.07%
α-copaene	0.06%
germacrene B	0.06%
cadinene isomer	0.04%
sativene isomer	0.03%
cadinadiene isomer	0.02%
zonarene	0.02%
farnesene isomer	0.02%

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allo-aromadendrene	0.02%
sesquiterpene	0.02%
6,9-guaiadiene	0.02%
β-1-cubebene	0.01%
Ester	**5.31%**
citronellyl acetate	3.11%
geranyl acetate	2.02%
bornyl acetate	0.13%
citronellyl formate	0.03%
geranyl butyrate	0.01%
neryl acetate	0.01%
Monoterpene	**3.62%**
limonene (d)	1.89%
camphene	0.83%
α-pinene	0.18%
(Z)-β-ocimene	0.14%
β-myrcene	0.13%
(E)-β-ocimene	0.12%
tricyclene	0.10%
terpinolene	0.08%
β-phellandrene	0.07%
γ-terpinene	0.02%
α-phellandrene	0.02%
sabinene	0.01%
β-pinene	0.01%
p-cymene	0.01%
α-terpinene	0.01%
Ketone	**1.03%**
6-methyl-5-hepten-2-one	0.77%

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4-nonanone	0.25%
acetone	0.01%
Sesquiterpenol	**0.50%**
α-cadinol	0.11%
α-muurolol · α-muurolene	0.09%
elemol	0.07%
α-muurolol	0.06%
epi-cubenol	0.04%
α-eudesmol	0.03%
germacrene D-4-ol	0.03%
miscellaneous sesquiterpenol	0.02%
δ-cadinol	0.02%
γ-eudesmol	0.01%
cubenol	0.01%
β-eudesmol	0.01%
Other	**0.46%**
α-humulene + e-β-farnesene	0.11%
cadina-3,5-diene + sesquiterpene	0.07%
phytyl compound	0.05%
citronellic acid	0.05%
5-hepten-1-ol, 2,6-dimethyl-	0.04%
compound mw=152	0.03%
aromatic component	0.02%
galbanolene	0.02%
menthone + 6-methyl-5-hepten-2-ol	0.02%
4-undecanone	0.02%
limonene cis-epoxide	0.01%
prenol	0.01%
4-heptanone	0.01%

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Oxide	**0.23%**
(Z)-rose oxide	0.10%
(E)-rose oxide	0.04%
caryophyllene epoxide	0.04%
2,3-dehydro-1,8-cineole	0.03%
1,8-cineole	0.02%
Phenol	**0.22%**
eugenol	0.22%
Ether	**0.15%**
isoeugenol	0.14%
4-vinylguaiacol	0.01%
Furan	**0.02%**
perillene	0.02%

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