AROMATICS DATA

GC-MS BATCH SUMMARY

Batch GHD-108

November 20, 2026

Ghandi Root Essential Oil

Homalomena aromatica

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
August 25, 2023	**Steam Distilled**	**Organically Grown**	**India**

TOP 5 COMPONENTS

of 104 measured

linalool	Monoterpenol	**38.28%**
terpinen-4-ol	Monoterpenol	**7.40%**
α-cadinol	Sesquiterpenol	**4.37%**
γ-terpinene	Monoterpene	**2.15%**
α-terpineol	Monoterpenol	**2.11%**

Full composition · 104 components across 12 families

Monoterpenol	**50.96%**
linalool	38.28%
terpinen-4-ol	7.40%
α-terpineol	2.11%
geraniol	1.34%
hotrienol	0.51%
nerol	0.45%
citronellol	0.22%
linalool pyranic oxide	0.16%
p-cymen-8-ol	0.14%
p-mentha-1,5-dien-8-ol	0.13%

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/ghandi-root-essential-oil#batch=GHD-108

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terpinen-1-ol	0.07%
(E)-p-menth-2-en-1-ol	0.04%
(Z)-sabinol	0.04%
γ-terpineol	0.04%
myrcenol	0.02%
(Z)-carveol	0.01%
Monoterpene	**12.96%**
γ-terpinene	2.15%
limonene (d)	1.93%
δ-3-carene	1.86%
p-cymene	1.68%
sabinene	1.28%
α-terpinene	1.21%
β-myrcene	0.65%
terpinolene	0.62%
α-thujene	0.33%
α-phellandrene	0.29%
α-pinene	0.26%
β-pinene	0.19%
(E)-β-ocimene	0.15%
m-cymene · meta-cymenene	0.14%
m-cymene · meta-cymene	0.12%
(Z)-β-ocimene	0.07%
pseudolimonene	0.03%
Sesquiterpenol	**10.66%**
α-cadinol	4.37%
τ-muurolol	1.59%
spathulenol	1.24%
viridiflorol	0.81%

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ledol	0.71%
α-muurolol · α-muurolene	0.60%
α-muurolol	0.57%
isospathulenol	0.37%
allohimachalol	0.17%
1,10-epi-cubenol	0.14%
elemol	0.05%
(E)-nerolidol	0.02%
palustrol	0.02%

Sesquiterpene	**7.27%**
δ-cadinene	2.04%
α-selinene	1.10%
β-selinene	0.74%
γ-cadinene	0.72%
β-caryophyllene	0.37%
α-caryophyllene	0.37%
allo-aromadendrene	0.36%
γ-selinene	0.31%
β-elemene	0.23%
γ-muurolene	0.23%
viridiflorene	0.23%
α-calacorene	0.12%
α-cadinene	0.12%
α-copaene	0.11%
(E)-α-bergamotene	0.07%
(E)-cadina-1,4-diene	0.07%
aromadendrene	0.03%
α-cubebene	0.03%
β-bisabolene	0.01%
α-gurjunene	0.01%
Other	**2.16%**
uk	0.75%
oplopanone	0.32%
fokienol	0.30%
dehydro-p-cymene	0.30%
4-methlyene-isophorone	0.23%
p-1-menthenal-9	0.08%
para-mentha-1,4,-dien-7-ol	0.07%
5-methylfurfural	0.04%

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pentadecane	0.03%
(E)-2-nonenal	0.02%
2-heptanol	0.01%
toluene	0.01%
Oxide	**1.92%**
linalool (Z)-oxide	0.86%
(E)-linalool oxide	0.51%
caryophyllene oxide	0.28%
humulene epoxide 2	0.18%
neryl oxide	0.05%
1,4-cineole	0.04%
Ester	**0.91%**
neryl acetate	0.73%
methyl palmitate	0.07%
methyl linoleate	0.05%
(Z)-3-hexenyl butyrate	0.03%
(Z)-muurola-4(14),5-diene	0.02%
methyl oleate	0.01%
Aldehyde	**0.55%**
phellandral	0.37%
cuminal	0.09%
furfural	0.06%
geranial	0.02%
neral	0.01%
Ketone	**0.35%**
cryptone	0.21%
2-nonanone	0.07%
carvotanacetone	0.04%
carvone	0.02%

6-methyl-5-hepten-2-one	0.01%
Furan	**0.07%**
perillene	0.07%
Phenol	**0.07%**
carvacrol	0.05%
thymol	0.02%
Diterpene	**0.06%**
cembrene	0.06%

SPECIFIC GRAVITY @20°C	REFRACTIVE INDEX @20°C	OPTICAL ROTATION @20°C
0.9298	**1.4735**	**-6.504**

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