AROMATICS DATA

GC-MS BATCH SUMMARY

Batch RDD-107

November 16, 2026

Rhododendron Essential Oil

Rhododendron anthopogon

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
December 15, 2023	Steam Distilled	Wildcrafted	Nepal

TOP 5 COMPONENTS

of 96 measured

α-pinene	Monoterpene	**24.46%**
β-pinene	Monoterpene	**11.57%**
limonene (d)	Monoterpene	**10.39%**
δ-cadinene	Sesquiterpene	**8.55%**
γ-cadinene	Sesquiterpene	**4.07%**

Full composition · 96 components across 8 families

Monoterpene	**58.21%**
α-pinene	24.46%
β-pinene	11.57%
limonene (d)	10.39%
(Z)-β-ocimene	3.87%
γ-terpinene	2.51%
β-myrcene	1.67%
(E)-β-ocimene	0.86%
p-cymene	0.74%
alloocimene	0.68%
terpinolene	0.42%

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/rhododendron-essential-oil#batch=RDD-107

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camphene	0.32%
α-thujene	0.24%
α-terpinene	0.19%
sabinene	0.08%
α-fenchene	0.08%
α-phellandrene	0.05%
tricyclene	0.05%
δ-3-carene	0.02%
pseudolimonene	0.01%
Sesquiterpene	**32.18%**
δ-cadinene	8.55%
γ-cadinene	4.07%
β-caryophyllene	3.95%
γ-muurolene	2.29%
α-selinene	1.18%
β-selinene	1.15%
(Z)-cadina-1(6),4-diene	1.06%
α-copaene	1.01%
zonarene	0.89%
allo-aromadendrene	0.83%
(E)-β-farnesene	0.64%
aromadendrene	0.61%
α-caryophyllene	0.60%
α-cadinene	0.59%
viridiflorene	0.55%
γ-curcumene	0.42%
β-bourbonene	0.36%
β-cadinene	0.35%
β-copaene	0.34%
(E)-cadina-1,4-diene	0.32%

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(E,E)-α-farnesene	0.31%
α-cubebene	0.30%
β-elemene	0.30%
germacrene D	0.27%
α-gurjunene	0.24%
α-ylangene	0.19%
ar-curcumene	0.16%
1-epi-bicyclosesquiphellandrene	0.13%
β-gurjunene	0.13%
α-calacorene	0.12%
δ-amorphene	0.09%
α-cedrene	0.06%
(E)-α-bergamotene	0.05%
α-guaiene	0.04%
δ-elemene	0.03%
Sesquiterpenol	**5.73%**
α-muurolol · α-muurolene	3.22%
α-cadinol	0.84%
τ-muurolol	0.64%
α-muurolol	0.22%
epi-cubenol	0.17%
ledol	0.09%
spathulenol	0.08%
palustrol	0.08%
1,10-epi-cubenol	0.07%
α-bisabolol	0.07%
γ-eudesmol	0.06%
globulol	0.05%
(E)-nerolidol	0.04%
viridiflorol	0.03%

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junenol	0.03%
gleenol	0.02%
cubeban-11-ol	0.01%
1-octen-3-ol	0.01%
Monoterpenol	**1.65%**
τ-cadinol	0.54%
α-terpineol	0.46%
linalool	0.28%
terpinen-4-ol	0.23%
borneol	0.06%
fenchol	0.04%
citronellol	0.03%
(Z)-verbenol	0.01%
Ester	**1.08%**
(Z)-muurola-3,5-diene	0.38%
citronellyl acetate	0.24%
(Z)-muurola-4(14),5-diene	0.21%
bornyl acetate	0.20%
octyl acetate	0.02%
neryl acetate	0.01%
camphene hydrate	0.01%
methyl salicylate	0.01%
Other	**0.21%**
7-epi-sesquithujene	0.14%
octane	0.02%
dehydro-p-cymene	0.02%
5-methyl-3-heptanone	0.02%
toluene	0.01%

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Oxide	**0.19%**
caryophyllene oxide	0.17%
humulene epoxide 2	0.02%
Aldehyde	**0.03%**
isobicyclogermacrenal	0.03%

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