

**ESSENTIAL OIL SINGLES**

Rhododendron Essential Oil

Rhododendron anthopogon

BATCH NUMBER

RDD-107

COUNTRY OF ORIGIN

Nepal

EXTRACTION DATE

December 2023

Gas Chromatography Analysis (%)

MONOTERPENE

<u>α-pinene</u>	<u>24.46%</u>	<u>β-pinene</u>	<u>11.57%</u>
<u>limonene (d)</u>	<u>10.39%</u>	<u>(Z)-β-ocimene</u>	<u>3.87%</u>
<u>γ-terpinene</u>	<u>2.51%</u>	<u>β-myrcene</u>	<u>1.67%</u>
<u>(E)-β-ocimene</u>	<u>0.86%</u>	<u>p-cymene</u>	<u>0.74%</u>
<u>alloocimene</u>	<u>0.68%</u>	<u>terpinolene</u>	<u>0.42%</u>
<u>camphene</u>	<u>0.32%</u>	<u>α-thujene</u>	<u>0.24%</u>
<u>α-terpinene</u>	<u>0.19%</u>	<u>sabinene</u>	<u>0.08%</u>
<u>α-phellandrene</u>	<u>0.05%</u>	<u>δ-3-carene</u>	<u>0.02%</u>

SESQUITERPENE

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)-cadin-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)-cadin-1,4-diene	0.32%
(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%	α -cedrene	0.06%
(E)- α -bergamotene	0.05%		

SESQUITERPENOL

α -muurolol	3.44%	α -cadinol	0.84%
τ -muurolol	0.64%	epi-cubenol	0.17%
α -bisabolol	0.07%		

MONOTERPENOL

τ -cadinol	0.54%	α -terpineol	0.46%
linalool	0.28%	terpinen-4-ol	0.23%
borneol	0.06%	citronellol	0.03%

ESTER

(Z)-muurola-3,5-diene	0.38%	citronellyl acetate	0.24%
(Z)-muurola-4(14),5-diene	0.21%	bornyl acetate	0.20%

OXIDE

caryophyllene oxide	0.17%
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