AROMATICS DATA

GC-MS BATCH SUMMARY

Batch SPK-108

November 14, 2026

Spikenard Essential Oil

Nardostachys jatamansi

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
January 24, 2024	Steam Distilled	Wildcrafted	Nepal

TOP 5 COMPONENTS

of 75 measured

6,9-guaiadiene	Sesquiterpene	**8.71%**
seychellene	Sesquiterpene	**7.68%**
longipinanol	Sesquiterpenol	**5.03%**
thujopsenal	Other	**4.85%**
1-epi-bicyclosesquiphellandrene	Sesquiterpene	**4.79%**

Full composition · 75 components across 9 families

Sesquiterpene	**56.28%**
6,9-guaiadiene	8.71%
seychellene	7.68%
1-epi-bicyclosesquiphellandrene	4.79%
β-gurjunene	4.61%
α-patchoulene	4.49%
α-panasinsen	4.45%
β-patchoulene	3.12%
α-guaiene	3.07%
γ-gurjunene	2.58%
α-selinene	1.71%

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/spikenard-essential-oil#batch=SPK-108

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α-gurjunene	1.60%
eremophilene	1.41%
β-selinene	1.29%
γ-patchoulene	1.25%
(Z)-calamenene	1.11%
δ-guaiene	0.90%
daucene	0.67%
β-elemene	0.54%
germacrene D	0.54%
aristolene	0.25%
(Z)-α-bergamotene	0.22%
γ-cadinene	0.22%
β-curcumene	0.20%
γ-selinene	0.15%
γ-muurolene	0.15%
β-cadinene	0.15%
β-sesquiphellandrene	0.14%
isoledene	0.11%
selina-3,7(11)-diene	0.09%
β-copaene	0.05%
δ-elemene	0.03%
Sesquiterpenol	**13.57%**
longipinanol	5.03%
carotol	2.09%
patchouli alcohol	2.02%
viridiflorol	1.46%
ledol	0.60%
rosifoliol	0.56%
α-cadinol	0.56%
spathulenol	0.53%

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maaliol	0.46%
γ-eudesmol	0.19%
juniper camphor	0.07%
Other	**10.01%**
thujopsenal	4.85%
α-guaiene isomer	2.55%
uk	0.99%
(E)-β-ionone	0.59%
3-heptyl isovalerate	0.52%
cedr-8-en-13-ol	0.17%
isovalerianic acid	0.15%
7-epi-sesquithujene	0.15%
α-costol	0.04%
Monoterpene	**5.31%**
β-pinene	3.40%
α-pinene	1.33%
limonene (d)	0.18%
γ-terpinene	0.09%
α-thujene	0.08%
sabinene	0.07%
α-terpinene	0.04%
p-cymene	0.04%
camphene	0.03%
isoterpinolene	0.03%
α-phellandrene	0.02%
Ketone	**2.08%**
valeranone	2.07%
isopinocamphone	0.01%

Ester	**1.62%**
methyl myrtenate	1.37%
myrtenyl acetate	0.22%
ethyl isovalerate	0.03%
Monoterpenol	**0.42%**
terpinen-4-ol	0.13%
α-terpineol	0.13%
linalool	0.10%
(E)-verbenol	0.05%
borneol	0.01%
Oxide	**0.27%**
1,8-cineole	0.27%
Ether	**0.16%**
methyl thymol	0.14%
methyl carvacrol	0.02%

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