AROMATICS DATA

GC-MS BATCH SUMMARY

Batch CNP-104

October 31, 2026

Catnip Essential Oil

Nepeta cataria

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
August 9, 2023	**Steam Distilled**	**Certified Organic**	**France**

TOP 5 COMPONENTS

of 33 measured

α,α,β-nepetalactone	Lactone	**86.25%**
β-caryophyllene	Sesquiterpene	**5.84%**
β-pinene	Monoterpene	**0.76%**
compound mw=138	Other	**0.69%**
α-caryophyllene	Sesquiterpene	**0.57%**

Full composition · 33 components across 9 families

Lactone	**86.25%**
α,α,β-nepetalactone	86.25%
Sesquiterpene	**6.61%**
β-caryophyllene	5.84%
α-caryophyllene	0.57%
epoxy-6,7-humulene	0.13%
isocaryophyllene	0.05%
(E,E)-α-farnesene	0.02%
Monoterpene	**1.67%**
β-pinene	0.76%
(E)-β-ocimene	0.44%

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/catnip-oil#batch=CNP-104

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α-pinene	0.21%
(Z)-β-ocimene	0.11%
limonene (d)	0.07%
γ-terpinene	0.03%
α-thujene	0.02%
terpinolene	0.01%
α-terpinene	0.01%
β-myrcene	0.01%
Other	**1.62%**
compound mw=138	0.69%
dihydroneptalactone	0.46%
cuminic acid	0.20%
hexenylic ester	0.13%
humulene oxide	0.04%
cis-3-hexenyl, benzoate-	0.03%
tetradecane	0.03%
tridecane	0.03%
dimethyl sulfoxide	0.01%
Aldehyde	**0.28%**
geranial	0.18%
neral	0.10%
Phenol	**0.13%**
carvacrol	0.13%
Monoterpenol	**0.13%**
linalool	0.10%
terpinen-4-ol	0.03%

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Ester	**0.07%**
methyl salicylate	0.05%
menthyl acetate	0.02%
Oxide	**0.04%**
caryophyllene oxide	0.04%

SPECIFIC GRAVITY @20°C	REFRACTIVE INDEX @20°C	OPTICAL ROTATION @20°C	FLASH POINT
1.063	**1.492**	**3.70**	**100.9**