



316 Old Hickory Blvd East, Madison, TN 37115

tel (615)612-4270 fax (615)860-9171

sold@naturesgift.com

Balancing Body, Mind and Spirit with Pure Essential Oils

Since 1995

www.naturesgift.com

Catnip *Nepeta cataria*

Batch No. SP-59166
Spain

Monoterpenes 2.26%

(E) β ocimene	1.41
(Z) β ocimene	0.36
β pinene	0.22
limonene	0.07
allo ocimene	0.07
α pinene	0.05
sabinene	0.05
myrcene	0.02
α thujone	0.01

Esters 0.13%

(Z) 3 hexenyl benzoate	0.04
ethyl 2-methylbutyrate	0.05
methyl salicylate	0.04

Ethers 1.44%

caryophyllene oxide	1.38
humulene epoxide II	0.06

Sesquiterpenes 7.21%

β caryophyllene	6.44
α humulene	0.53
(E) β farnesene	0.13
cis-caryophyllene	0.06
(E,E) α farnesene	0.03
germacrene D	0.02

Monoterpenols 0.04%

linalool	0.04
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Ketones 80.57%

4a- α , 7- α , 7a- α -nepetalactone	78.79
4a- α , 7- α , 7 β -7 α -nepetalactone	0.93
nepetalactone isomer	0.81
octan-3-one	0.03
trans-dihydrocarvone	0.01

Sequiterpenols 0.12%

(Z) sesquisabinene hydrate	0.12
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Aldehydes 0.69%

β cyclocitral	0.46
neral	0.10
geranial	0.09
decanal	0.02
nonanal	0.01
(E) chrysanthemal	0.01

Phenol 0.04%

styrene	0.04
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Other 5.59%

unknown	5.55
tridecane	0.02
1-octen-3-ol	0.02

Client



Source

Catnip (*Nepeta cataria*)

SP-59166

Sample

Catnip (*Nepeta cataria*)

Batch #:..... SP-59166

Type:..... Essential Oil

CAS Number:.... 84929-35-1

Nature's Gift

Client



Website

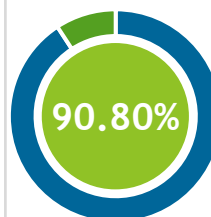
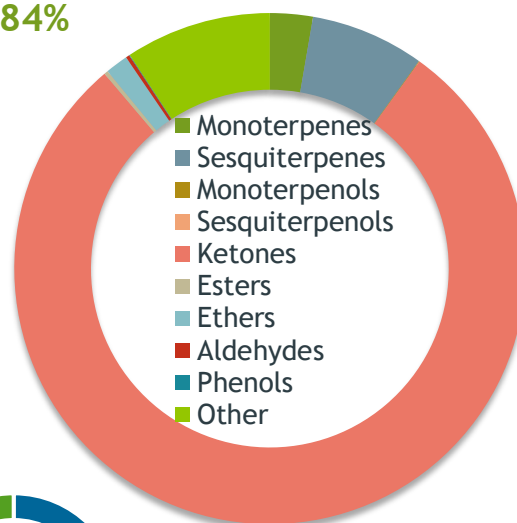


Primary

78.79%**Nepetalactone<4a-****6.44%****beta-Caryophyllene****4.03%****UK Catnip**

Ketones

78.84%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Catnip (*Nepeta cataria*)

Internal Number: | EVS-4295



**Essential Validation
Services**

747 SW 2nd Ave IMB 12 Suite 306
Gainesville, FL 32601

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	2.71%
Sesquiterpenes	7.21%
Monoterpenols	0.04%
Sesquiterpenols	0.00%
Ketones	78.84%
Esters	0.25%
Ethers	1.44%
Aldehydes	0.23%
Phenols	0.04%
Other	9.24%

Client



Source

Catnip (*Nepeta cataria*)

SP-59166

Total Percentage		90.80%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.71	0.05%	Ethyl 2-methylbutyrate	Aliphatic Ester
2	6.67	0.04%	Styrene	Phenylpropanoid
3	8.16	0.05%	alpha-Pinene	Monoterpene
4	9.71	0.05%	Sabinene	Monoterpene
5	9.87	0.22%	beta-Pinene	Monoterpene
6	10.09	0.02%	1-Octen-3-ol	Aliphatic Alcohol
7	10.29	0.03%	Octan-3-one	Aliphatic Ketone
8	10.46	0.02%	Myrcene	Monoterpene
9	12.11	0.07%	Limonene	Monoterpene
10	12.49	0.36%	(Z)-beta-Ocimene	Monoterpene
11	12.95	1.41%	(E)-beta-Ocimene	Monoterpene
12	15.37	0.04%	Linalool	Monoterpenol
13	15.50	0.01%	alpha-Thujone	Monoterpene Ketone
14	15.59	0.01%	Nonanal	Aliphatic Aldehyde
15	16.67	0.07%	Alloocimene	Monoterpene
16	17.51	0.01%	trans-Chrysanthemal	Monoterpene Aldehyde
17	19.48	0.04%	Methyl salicylate	Phenolic Ester
18	20.27	0.02%	Decanal	Aliphatic Aldehyde
19	20.50	0.46%	beta-Cyclocitral	Monoterpene
20	20.81	0.01%	trans-Dihydrocarvone	Monoterpene Ketone
21	21.66	0.10%	Neral	Monoterpene Aldehyde
22	23.01	0.09%	Geranial	Monoterpene Aldehyde
23	24.57	0.02%	Tridecane	Alkane
24	27.28	78.79%	Nepetalactone<4a-alpha,7-alpha,7a-alpha->	Monoterpene Ketone
25	28.20	0.93%	Nepetalactone<4a-alpha,7-beta,7a-alpha->	
26	28.47	0.81%	Nepetalactone isomer	
27	28.84	0.06%	cis-Caryophyllene	Sesquiterpene
28	29.30	0.40%	UK Catnip	
29	29.47	6.44%	beta-Caryophyllene	Sesquiterpene
30	30.90	0.53%	alpha-Humulene	Sesquiterpene
31	30.98	0.13%	(E)-beta-Farnesene	Sesquiterpene
32	31.95	0.02%	Germacrene D	Sesquiterpene
33	32.61	0.28%	UK Catnip	
34	33.07	0.03%	(E,E)-alpha-Farnesene	Sesquiterpene
35	34.48	4.03%	UK Catnip	

Catnip (Nepeta cataria)
SP-59166

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