

Client



Source



Catnip (*Nepeta cataria*)
HOE0624E

Sample

Catnip (*Nepeta cataria*)
Batch #:..... HOE0624E
Type:..... Essential Oil
CAS Number:... 84929-35-1
Natural Sourcing LLC

Client



Website

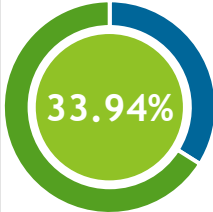
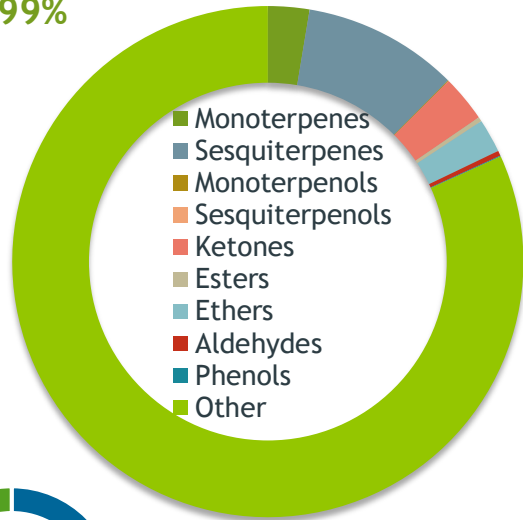


Primary

53.44% Nepetalactone<4a-
21.73% 22.73 Nepetalactone<4a-
6.35% beta-Caryophyllene

Other

63.99%



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-4853



Essential Validation Services

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

317.361.5044 |
<https://essentialvalidationservices.com/>

Alan Chastain

Monoterpenes	2.05%
Sesquiterpenes	7.70%
Monoterpenols	0.04%
Sesquiterpenols	0.00%
Ketones	2.31%
Esters	0.22%
Ethers	1.67%
Aldehydes	0.25%
Phenols	0.04%
Other	63.99%

- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
- This report may not be published without the consent of Essential Validation Services.
- Chromatograph image may be requested
- This report is valid for 1 year from the analyzed date

Client


NATURAL SOURCING
 Cosmetic and Personal Care Ingredient Specialists
 PROUDLY SERVING YOU FOR OVER 30 YEARS

Source

Catnip (*Nepeta cataria*)

HOE0624E

Total Percentage		33.94%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.71	0.02%	Ethyl 2-methylbutyrate	Aliphatic Ester
2	4.15	0.01%	Octane	Alkane
3	4.21	0.02%	Hexanal	Aliphatic Aldehyde
4	5.54	0.08%	(E)-2-Hexenal	Aliphatic Aldehyde
5	6.66	0.04%	Styrene	Phenylpropanoid
6	8.13	0.80%	alpha-Pinene	Monoterpene
7	8.74	0.03%	Camphene	Monoterpene
8	9.09	0.02%	2-Heptenal	Aliphatic Aldehyde
9	9.68	0.17%	Sabinene	Monoterpene
10	9.84	0.68%	beta-Pinene	Monoterpene
11	10.07	0.01%	1-Octen-3-ol	Aliphatic Alcohol
12	10.26	0.02%	Octan-3-one	Aliphatic Ketone
13	10.44	0.02%	2-Pentylfuran	Furan
14	12.08	0.09%	Limonene	Monoterpene
15	12.46	0.06%	(Z)-beta-Ocimene	Monoterpene
16	12.92	0.22%	(E)-beta-Ocimene	Monoterpene
17	15.33	0.04%	Linalool	Monoterpenol
18	15.56	0.05%	Nonanal	Aliphatic Aldehyde
19	19.45	0.04%	Methyl salicylate	Phenolic Ester
20	19.60	0.05%	Hexyl butyrate	Aliphatic Ester
21	20.23	0.03%	Decanal	Aliphatic Aldehyde
22	21.80	0.13%	Carvone	Monoterpene Ketone
23	22.21	0.01%	Linalyl acetate	Monoterpene Ester
24	22.97	0.01%	Geranial	Monoterpene Aldehyde
25	23.64	0.02%	Bornyl acetate	Monoterpene Ester
26	24.52	0.02%	Tridecane	Alkane
27	27.02	21.73%	73 Nepetalactone<4a-alpha,7-alpha,7a-alpha>	0.00
28	28.43	53.44%	Nepetalactone<4a-alpha,7-beta,7a-alpha>	
29	28.53	2.62%	Nepetalactone<4a-alpha,7-beta,7a-beta>	
30	28.81	0.25%	cis-Caryophyllene	Sesquiterpene
31	29.42	6.35%	beta-Caryophyllene	Sesquiterpene
32	30.29	0.03%	alpha-dihydro-Neptetalactone	Monoterpene Ketone
33	30.85	0.68%	alpha-Humulene	Sesquiterpene
34	30.94	0.40%	(E)-beta-Farnesene	Sesquiterpene
35	33.03	0.02%	(E,E)-alpha-Farnesene	Sesquiterpene

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