



316 Old Hickory Blvd East, Madison, TN 37115

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orderdesk@naturesgift.com

Healing Body, Mind and Spirit with Pure Essential Oils

Since 1995

www.naturesgift.com

## Hyssop

*Hyssop montana canescens*

Batch No. ES-59256

France

Monoterpenes 22.132%		Monoterpenols 48.23%		Sesquiterpenes 10.19%	
(E) $\beta$ ocimene	2.29	linalool	43.99	$\beta$ caryophyllene	4.51
limonene	8.47	$\alpha$ terpineol	1.36	germacrene D	3.20
$\beta$ pinene	3.91	(Z) linalool oxide (5) (Furanoid)	0.94	$\alpha$ humulene	0.72
$\alpha$ pinene	2.23	(E) linalool oxide (5) (furanoid)	0.44	bicyclogermacrene	0.50
myrcene	2.11	$\alpha$ pinocarveol	0.39	$\beta$ elemene	0.35
(Z) $\beta$ ocimene	2.02	terpinen-4-ol	0.33	sibirene	0.19
camphene	1.30	borneol	0.27	$\beta$ cadinene	0.15
sabinene	0.84	hotrienol	0.15	allo-aromadendrene	0.10
alloocimene	0.38	(E) 2-pinanol	0.13	$\beta$ copaene	0.10
terpinolene	0.21	(Z) para-menth-2-en-1-ol	0.06	(E) $\beta$ farnesene	0.07
$\gamma$ terpinene	0.17	(E) para-mentha-2,8-diene-1-o	0.06	$\gamma$ muurolene	0.05
$\alpha$ thujene	0.12	nerol	0.04	$\beta$ sesquiphellandrene	0.05
para cymene	0.11	trans-carveol	0.03	aromadendrene	0.04
$\alpha$ terpinene	0.09	fenchol	0.02	$\beta$ longipinene	0.04
tricyclene	0.08	para-cymen-8-ol	0.02	$\gamma$ gurjunene	0.03
hashishene	0.05			$\beta$ bisabolene	0.03
$\alpha$ phellandrene	0.03			$\alpha$ amorphene	0.02
thuja-2,4(10)-diene	0.01			6,9-guaiadiene	0.02
				(Z) $\alpha$ bergamotene	0.01
				$\gamma$ cadinene	0.01

Aldehydes 0.42%		Ethers 9.65%		Sesquiterpenols 0.07%	
citral	0.16	1,8 cineole	8.53	$\alpha$ cadinol	0.04
neral	0.15	caryophyllene oxide	1.11	viridiflorol	0.02
(E) chrysanthamal	0.04	(Z) limonene oxide	0.01	globulol	0.01
camphene hydrate	0.03				
decanal	0.02				
$\alpha$ campholene aldehyde	0.01				
(Z) isocitral	0.01				



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<b>Esters</b>	<b>0.11%</b>	<b>Ketones</b>	<b>3.66%</b>	<b>Phenols</b>	<b>0.07%</b>
neryl acetate	0.04	isopinocampone	2.69	methyl chavicol	0.07
(Z) 3-hexenyl isovalerate	0.03	pinocampone	0.54		
methyl salicylate	0.02	pinocarvone	0.24		
myrtenyl acetate	0.01	octan-3-one	0.07		
methyl myrtenate	0.01	carvone	0.06	<b>Other</b>	<b>0.22%</b>
		cryptone	0.05	1-octen-3-ol	0.17
		2 hexanone	0.01	hexan-2-ol	0.02
				(Z) jasmone	0.02
				1-tetradecene	0.01

Client



Source

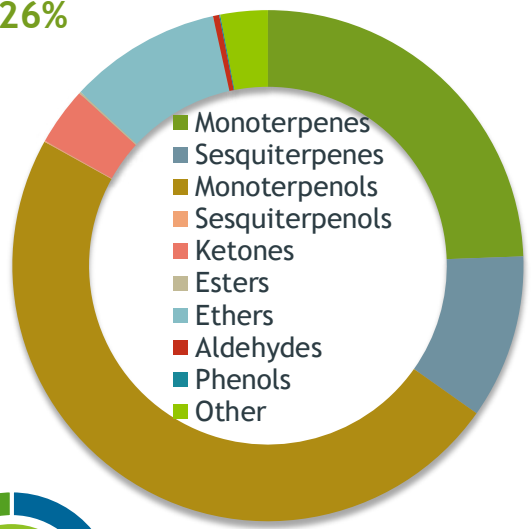
Hyssop (*Hyssop montana canescens*)  
FR-59256

Sample

Hyssop (*Hyssop montana canescens*)  
Batch #:..... FR-59256  
Type:..... Essential Oil  
CAS Number:.....  
Nature's Gift

Monoterpenols

48.26%



Client

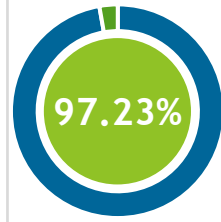


Website



Primary

**43.99%** | Linalool  
**8.53%** | 1,8-Cineole  
**8.47%** | Limonene



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 Hyssop (*Hyssop montana canescens*)

Internal Number: | EVS-5009



Essential Validation Services

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

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

*Alan Christen*

Monoterpenes	24.42%	24.42%
Sesquiterpenes	10.38%	10.38%
Monoterpenols	48.26%	48.26%
Sesquiterpenols	0.07%	0.07%
Ketones	3.66%	3.66%
Esters	0.11%	0.11%
Ethers	9.65%	9.65%
Aldehydes	0.39%	0.39%
Phenols	0.07%	0.07%
Other	2.99%	2.99%

ESSENTIAL VALIDATION SERVICES | 747 SW 2<sup>ND</sup> AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

- 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



Source

Hyssop (*Hyssop montana canescens*)

FR-59256

Total Percentage		97.23%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.89	0.01%	2-Hexanone	Aliphatic Ketone
2	4.79	0.02%	Hexan-2-ol	Aliphatic Alcohol
3	7.50	0.05%	Hashishene	Monoterpene
4	7.58	0.08%	Tricyclene	Monoterpene
5	7.75	0.12%	alpha-Thujene	Monoterpene
6	8.00	2.23%	alpha-Pinene	Monoterpene
7	8.60	1.30%	Camphene	Monoterpene
8	8.77	0.01%	Thuja-2,4(10)-diene	Monoterpene
9	9.54	0.84%	Sabinene	Monoterpene
10	9.70	3.91%	beta-Pinene	Monoterpene
11	9.93	0.17%	1-Octen-3-ol	Aliphatic Alcohol
12	10.12	0.07%	Octan-3-one	Aliphatic Ketone
13	10.28	2.11%	Myrcene	Monoterpene
14	10.92	0.03%	alpha-Phellandrene	Monoterpene
15	11.39	0.09%	alpha-Terpinene	Monoterpene
16	11.72	0.11%	para-Cymene	Monoterpene
17	11.94	8.47%	Limonene	Monoterpene
18	12.04	8.53%	1,8-Cineole	Monoterpene Ether
19	12.31	2.02%	(Z)-beta-Ocimene	Monoterpene
20	12.77	2.29%	(E)-beta-Ocimene	Monoterpene
21	13.23	0.17%	gamma-Terpinene	Monoterpene
22	13.78	0.94%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
23	14.45	0.21%	Terpinolene	Monoterpene
24	14.52	0.44%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
25	15.35	43.99%	Linalool	Monoterpenol
26	15.40	0.15%	Hotrienol	Monoterpenol
27	15.98	0.02%	Fenchol	Monoterpenol
28	16.24	0.06%	cis-para-Menth-2-en-1-ol	Monoterpenol
29	16.33	0.01%	alpha-Campholene aldehyde	Monoterpene Aldehyde
30	16.48	0.38%	Alloocimene	Monoterpene
31	16.61	0.01%	cis-Limonene oxide	Monoterpene Ether
32	16.79	0.06%	trans-para-Mentha-2,8-dien-1-ol	Monoterpenol
33	16.91	0.39%	alpha-Pinocarveol	Monoterpenol
34	17.18	0.13%	trans-2-Pinanol	Monoterpenol
35	17.32	0.04%	trans-Chrysanthemal	Monoterpene Aldehyde

Client



Source

Hyssop (*Hyssop montana canescens*)

FR-59256

Number	RT	Area %	Compound Name	Chemical Family
36	17.541	0.03%	Camphene hydrate	Monoterpene Aldehyde
37	17.79	0.54%	Pinocamphone	Monoterpene Ketone
38	17.88	0.24%	Pinocarvone	Monoterpene Ketone
39	18.35	0.27%	Borneol	Monoterpenol
40	18.50	2.69%	Isopinocamphone	Monoterpene Ketone
41	18.77	0.33%	Terpinen-4-ol	Monoterpenol
42	18.87	0.01%	(Z)-isocitral	Monoterpene Aldehyde
43	19.01	0.05%	Cryptone	Monoterpene Ketone
44	19.11	0.02%	para-Cymen-8-ol	Monoterpenol
45	19.27	0.02%	Methyl salicylate	Phenolic Ester
46	19.46	1.36%	alpha-Terpineol	Monoterpenol
47	19.61	0.07%	Methyl chavicol	Phenylpropanoid
48	20.07	0.02%	Decanal	Aliphatic Aldehyde
49	20.57	0.03%	trans-Carveol	Monoterpenol
50	21.17	0.03%	cis-3-Hexenyl isovalerate	Aliphatic Ester
51	21.44	0.15%	Neral	Monoterpene Aldehyde
52	21.63	0.06%	Carvone	Monoterpene Ketone
53	22.07	0.04%	Nerol	Monoterpenol
54	22.80	0.16%	Citral	Monoterpene Aldehyde
55	23.97	0.01%	Methyl myrtenate	Monoterpene Ester
56	25.18	0.01%	Myrtenyl acetate	Monoterpene Ester
57	26.83	0.04%	Neryl acetate	Monoterpene Ester
58	27.40	0.05%	alpha-Cubebene	Sesquiterpene
59	28.03	0.35%	beta-Elemene	Sesquiterpene
60	28.16	0.02%	cis-Jasmone	Jasmonate
61	28.32	0.01%	1-Tetradecene	Alkene
62	28.58	0.04%	beta-Longipinene	Sesquiterpene
63	28.72	0.14%	beta-Maaliene	Sesquiterpene
64	29.21	4.51%	beta-Caryophyllene	Sesquiterpene
65	29.64	0.19%	Sibirene	Sesquiterpene
66	29.87	0.01%	cis-alpha-Bergamotene	Sesquiterpene
67	30.23	0.10%	beta-Copaene	Sesquiterpene
68	30.66	0.72%	alpha-Humulene	Sesquiterpene
69	30.77	0.07%	(E)-beta-Farnesene	Sesquiterpene
70	30.85	0.10%	allo-Aromadendrene	Sesquiterpene
71	31.18	0.04%	Aromadendrene	Sesquiterpene

Client	 Nature's Gift	Source
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*Hyssop (Hyssop montana canescens)*  
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72	31.53	0.02%	6,9-Guaiadiene	Sesquiterpene
73	31.74	3.20%	Germacrene D	Sesquiterpene
74	32.02	0.03%	gamma-Gurjunene	Sesquiterpene
75	32.32	0.50%	Bicyclgermacrene	Sesquiterpene
76	32.42	0.05%	gamma-Murolene	Sesquiterpene
77	32.50	0.02%	alpha-Amorphene	Sesquiterpene
78	32.93	0.03%	beta-Bisabolene	Sesquiterpene
79	33.29	0.15%	beta-Cadinene	Sesquiterpene
80	33.54	0.05%	beta-Sesquiphellandrene	Sesquiterpene
81	33.98	0.01%	gamma-Cadinene	Sesquiterpene
82	35.64	1.11%	Caryophyllene oxide	Sesquiterpene Ether
83	36.13	0.01%	Globulol	Sesquiterpenol
84	36.52	0.02%	Viridiflorol	Sesquiterpenol
85	38.47	0.04%	alpha-Cadinol	Sesquiterpenol

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