



Siamwood
Fokienia hodgsonii

Batch No. #VE-59162
Vietnam

Monoterpenes	1.11%
(Z) β ocimene	0.24
limonene	0.2
(E) β ocimene	0.2
myrcene	0.18
camphene	0.08
α pinene	0.05
para-cymene	0.04
Δ 3 carene	0.03
β pinene	0.02
o-cymene	0.02
tricyclene	0.01
sabinene	0.01
pseudolimonene	0.01
γ terpinene	0.01
para-cymenene	0.01

Monoterpenols	13.39%
linalool	12.37
borneol	0.50
cis-linalool oxide (5)	0.17
trans-linalool oxide (5)	0.13
terpinen-4-ol	0.05
para-cymen-8-ol	0.04
trans-myrtanol	0.04
nerol	0.03
lavandulol	0.02
cis-linalool oxide (6)	0.02
trans-pinocarveol	0.01
citronellol	0.01

Sesquiterpenes	3.91%
(Z) caryophyllene	0.88
(E) β farnesene	0.57
δ cadinene	0.50
δ guaiane	0.39
(E) α bisabolene	0.37
γ cadinene	0.36
γ muurolene	0.21
α humulene	0.20
(Z) α -bergamotene	0.11
(Z) α bisabolene	0.09
amorpha-4,11-diene	0.05
α copaene	0.04
β selinene	0.04
(Z) α bergamotene	0.03
viridiflorene	0.02
α calacorene	0.02
γ elemene	0.02
daucene	0.01

Sesquiterpenols	32.92%
(E)-Nerolidol	26.42
β eudesmol	2.39
elemol	1.53
γ eudesmol	1.09
isopathulenol	0.47
epi-cubebol	0.38
(E,Z) farnesol	0.32
epi α bisabolol	0.18
τ muurolol	0.14

Esters	12.47%
linalyl acetate	10.82
hexyl butanoate	0.41
geranyl acetate	0.24
1-octenyl-3 acetate	0.2
hexyl acetate + 2-carene	0.17
8-hydroxy isobornyl isobutanoate	0.17
lavandulyl acetate	0.12
neryl acetate	0.11
octan-3-yl acetate	0.03
hexyl isobutyrate	0.03
butyl butyrate	0.03
citronellyl acetate	0.03
hexyl 2-methyl butanoate	0.02
bornyl acetate	0.02
methyl geranate	0.02
hexyl tiglate	0.02
(Z)-3-hexenyl butyrate	0.01
butyl acetate	0.01
bornyl formate	0.01

Ethers	0.34%
caryophyllene oxide	0.28
methyl hexyl ether	0.04
1,8 cineole	0.01
nerol oxide	0.01

Ketones	0.82%
octan-3-one	0.43
germacrone	0.22
camphor	0.15
6-methyl-3,5-heptadien-2-one	0.01
nopinone	0.01

Other	26.59%
fokienol	18.23
unknown	7.96
1-octen-3-ol	0.12
3-octanol	0.08
dihydro-edulan II	0.08
1 hexanol	0.04
neric acid	0.03
para-methylacetophenone	0.02
cis-hex-3-en-1-ol	0.01
1-octanol	0.01
coumarin	0.01

Client



Source



Siamwood (*Fokienia hodgsonii*)
VE-59162

Sample

Siamwood (*Fokienia hodgsonii*)
Batch #:..... | VE-59162
Type:..... | Essential Oil
CAS Number:... | N/A
Nature's Gift

Client



Website

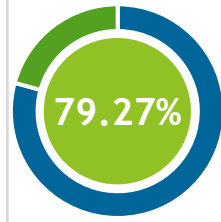
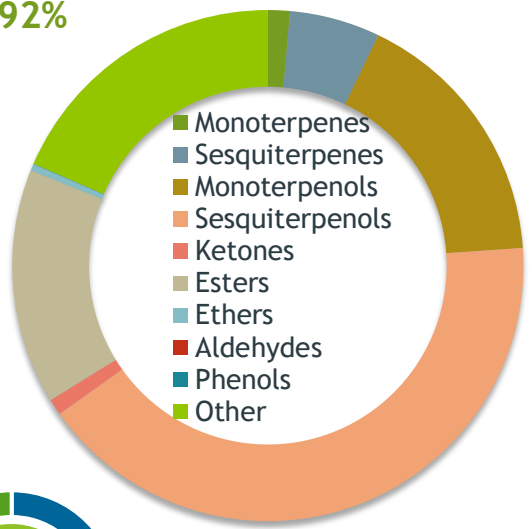


Primary

26.42% | (E)-Nerolidol
18.23% | 32.73 Fokienol
12.37% | Linalool

Sesquiterpenols

32.92%



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 Siamwood (*Fokienia hodgsonii*)

Internal Number: | EVS-4281



Essential Validation Services

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

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

Alan Christen

Monoterpenes	1.11%
Sesquiterpenes	4.57%
Monoterpenols	13.39%
Sesquiterpenols	32.92%
Ketones	0.82%
Esters	11.89%
Ethers	0.34%
Aldehydes	0.00%
Phenols	0.02%
Other	14.74%

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

Client



Source

Siamwood (*Fokienia hodgsonii*)

VE-59162

Total Percentage		79.27%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.54	0.01%	Butyl acetate	Aliphatic Ester
2	4.83	0.04%	Methyl hexyl ether	Aliphatic Ether
3	5.63	0.01%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
4	6.05	0.04%	1-Hexanol	Aliphatic Alcohol
5	7.77	0.01%	Tricyclene	Monoterpene
6	8.19	0.05%	alpha-Pinene	Monoterpene
7	8.79	0.08%	Camphene	Monoterpene
8	9.74	0.01%	Sabinene	Monoterpene
9	9.90	0.02%	beta-Pinene	Monoterpene
10	10.11	0.12%	1-Octen-3-ol	Aliphatic Alcohol
11	10.30	0.43%	Octan-3-one	Aliphatic Ketone
12	10.49	0.18%	Myrcene	Monoterpene
13	10.78	0.03%	Butyl butyrate	Aliphatic Ester
14	10.83	0.08%	3-Octanol	Aliphatic Alcohol
15	11.13	0.01%	Pseudolimonene	Monoterpene
16	11.24	0.03%	delta-3-Carene	Monoterpene
17	11.49	0.17%	Hexyl acetate	Aliphatic Ester
18	11.60	Co-Eluting	2-Carene	Monoterpene
19	11.73	0.02%	o-Cymene	Monoterpene
20	11.93	0.04%	para-Cymene	Monoterpene
21	12.14	0.20%	Limonene	Monoterpene
22	12.24	0.01%	1,8-Cineole	Monoterpene Ether
23	12.52	0.24%	(Z)-beta-Ocimene	Monoterpene
24	12.98	0.20%	(E)-beta-Ocimene	Monoterpene
25	13.45	0.01%	gamma-Terpinene	Monoterpene
26	14.01	0.17%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
27	14.15	0.01%	1-Octanol	Aliphatic Alcohol
28	14.74	0.13%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
29	14.88	0.01%	para-Cymenene	Monoterpene
30	15.53	12.37%	Linalool	Monoterpenol
31	15.58	0.01%	6-Methyl-3,5-heptadien-2-one	Monoterpene Ketone
32	15.83	0.20%	1-Octenyl-3 acetate	Monoterpene Ester
33	16.38	0.03%	Octan-3-yl acetate	Aliphatic Ester
34	17.02	0.01%	Nopinone	Normoterpene Ketone
35	17.14	0.01%	trans-Pinocarveol	Monoterpenol

Client



Source



Siamwood (*Fokienia hodgsonii*)
VE-59162

Number	RT	Area %	Compound Name	Chemical Family
36	17.391	0.15%	Camphor	Monoterpenol
37	17.64	0.03%	Hexyl isobutyrate	Monoterpene Ester
38	17.77	0.01%	Nerol oxide	Monoterpene Ether
39	18.34	0.02%	Lavandulol	Monoterpenol
40	18.59	0.50%	Borneol	Monoterpenol
41	18.81	0.02%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
42	19.01	0.05%	Terpinen-4-ol	Monoterpenol
43	19.07	0.04%	para-Cymen-8-ol	Monoterpenol
44	19.19	0.02%	para-Methylacetophenone	Simple Phenolic
45	19.50	0.01%	(Z)-3-Hexenyl butyrate	Aliphatic Ester
46	19.69	0.41%	15.40 Hexyl butanoate	0.00
47	21.11	0.03%	Nerol	Monoterpenol
48	21.17	0.01%	Bornyl formate	Monoterpene Ester
49	21.27	0.01%	Citronellol	Monoterpenol
50	21.67	0.02%	Hexyl 2-methyl butanoate	Monoterpene Ester
51	22.38	10.82%	Linalyl acetate	Monoterpene Ester
52	22.80	0.04%	trans-Myrtanol	Monoterpenol
53	23.72	0.02%	Bornyl acetate	Monoterpene Ester
54	23.83	0.12%	Lavandulyl acetate	Monoterpene Ester
55	25.28	0.08%	Edulan II, dihydro-	Edulan
56	25.53	0.02%	Methyl geranate	Monoterpene Ester
57	25.81	0.02%	Hexyl tiglate	Monoterpene Ester
58	26.29	0.03%	Citronellyl acetate	Monoterpene Ester
59	26.83	0.03%	Neric acid	Monoterpene Acid
60	27.07	0.11%	Neryl acetate	Monoterpene Ester
61	27.65	0.04%	alpha-Copaene	Sesquiterpene
62	27.81	0.01%	Daucene	Sesquiterpene
63	27.92	0.24%	Geranyl acetate	Monoterpene Ester
64	29.30	0.03%	cis-alpha-Bergamotene	Sesquiterpene
65	29.47	0.88%	cis-Caryophyllene	Sesquiterpene
66	29.97	0.01%	Coumarin	Coumarin
67	30.12	0.11%	trans-alpha-Bergamotene	Sesquiterpene
68	30.21	0.02%	gamma-Elemene	Sesquiterpene
69	30.92	2.15%	UK Compound	
70	31.02	0.57%	(E)-beta-Farnesene	Sesquiterpene
71	31.13	0.05%	Amorpha-4,11-diene	Sesquiterpene

Client



Source



Siamwood (*Fokienia hodgsonii*)
VE-59162

72	31.38	0.40%	UK Compound	
73	31.78	0.21%	gamma-Murolene	Sesquiterpene
74	31.92	0.52%	UK Compound	
75	32.01	0.14%	UK Compound	
76	32.13	0.20%	alpha-Humulene	Sesquiterpene
77	32.28	0.04%	beta-Selinene	Sesquiterpene
78	32.40	0.02%	Viridiflorene	Sesquiterpene
79	32.76	0.38%	epi-Cubebol	Sesquiterpenol
80	32.92	0.09%	cis-alpha-Bisabolene	Sesquiterpene
81	33.20	0.66%	beta-Bisabolene	Sesquiterpene
82	33.31	0.36%	gamma-Cadinene	Sesquiterpene
83	33.56	0.50%	delta-Cadinene	Sesquiterpene
84	33.89	0.41%	UK Compound	
85	33.98	0.80%	UK Compound	
86	34.17	0.39%	delta-Guaiene	Sesquiterpene
87	34.39	0.02%	alpha-Calacorene	Sesquiterpene
88	34.54	0.37%	trans-alpha-Bisabolene	Sesquiterpene
89	34.73	1.53%	Elemol	Sesquiterpenol
90	35.49	26.42%	(E)-Nerolidol	Sesquiterpenol
91	35.94	0.28%	Caryophyllene oxide	Sesquiterpene Ether
92	36.88	18.23%	32.73 Fokienol	0.00
93	37.12	2.15%	UK Compound	
94	37.92	1.09%	gamma-Eudesmol	Sesquiterpenol
95	38.23	0.47%	Isospathulenol	Sesquiterpenol
96	38.37	0.14%	T-Muurolol	Sesquiterpenol
97	38.72	2.39%	beta-Eudesmol	Sesquiterpenol
98	39.48	0.17%	35.75 Isobornyl isobutanoate<8-hydroxy->	0.00
99	39.75	0.22%	Germacrone	Sesquiterpene Ketone
100	39.92	0.18%	epi-alpha-Bisabolol	Sesquiterpenol
101	41.04	0.32%	(E,Z)-Farnesol	Sesquiterpenol
102	41.98	1.39%	UK Compound	

ESSENTIAL VALIDATION SERVICES | 14 SW 2nd AVE GAINESVILLE, FLORIDA 32601 | 351-361-5044

- 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