

Thyme Linalol

Thymus vulgaris ct linalol

Batch No. ES-59260

Spain

Monoterpenes	34.47%	Monoterpenols	58.58%	Sesquiterpenes	2.06%
γ terpinene	7.30	linalool	39.30	β caryophyllene	1.43
limonene	5.82	terpinen-4-ol	11.76	β bisabolene	0.26
myrcene	5.76	borneol	2.52	β cadinene	0.07
o-cymene	3.83	α terpineol	1.60	germacrene D	0.05
2-carene	3.63	(E) sabinene hydrate	1.09	β humulene	0.05
α pinene	2.94	carvacrol	0.47	bicyclogermacrene	0.04
terpinolene	1.20	hotrienol	0.47	α humulene	0.03
camphene	1.12	thymol	0.29	γ gurjunene	0.03
sabinene	0.69	cis linalool oxide (5) (furanoid)	0.26	allo-aromadendrene	0.02
α thujene	0.59	(Z) para-menth-2-en-1-ol	0.20	(E) α bergamotene	0.02
β pinene	0.51	(E) para-menth-2-en-1-ol	0.16	6,9 guaiadiene	0.02
α phellandrene	0.49	α pinocarveol	0.12	τ muurolol	0.02
δ 3 carene	0.14	para-cymen-8-ol	0.09	longifolene	0.01
(E) β ocimene	0.12	trans-piperitol	0.08	sibirene	0.01
hashishene	0.11	trans-verbenol	0.05		
tricyclene	0.06	(Z) linalool oxide (6) (pyranoid)	0.04		
(Z) β ocimene	0.04	trans-carveol	0.03	Sesquiterpenols	0.02%
para-cymenene	0.04	(E) para-mentha-2,8-dien-1-ol	0.03	germacrene D-4-ol	0.02
pseudolimonene	0.04	isoborneol	0.01		
thuja-2,4(10)-diene	0.03	lavandulol	0.01		
1,3,8-para-menthatriene	0.01			Ketones	1.29%
		Esters	0.83%	camphor	0.72
Phenols	0.15%	linalyl acetate	0.44	(Z) dihydrocarvone	0.14
methyl carvacrol	0.15	isobornyl acetate	0.12	verbenone	0.14
		bornyl formate	0.11	carvone	0.04
Ethers	1.67%	isopropyl tiglate	0.09	octan-3-one	0.05
1,8 cineole	1.63	(Z) 3-hexenyl butyrate	0.05	6-methyl-3,5-heptadien-2-one	0.01
(E) limonene oxide	0.02	α terpinyl acetate	0.02		
nerol oxide	0.02			Other	0.19%
				1-octen-3-ol	0.12
				3-octanol	0.05
				1-octanol	0.01
				1- teradecene	0.01

Client



Source



Thyme Linalol, Spain (Thymus vulgaris)
ES-59260

Thyme Linalol, Spain (Thymus vulgaris)

Batch #:..... ES-59260
Type:..... Essential Oil
CAS Number:... 8007-46-3

Nature's Gift

Sample



Website



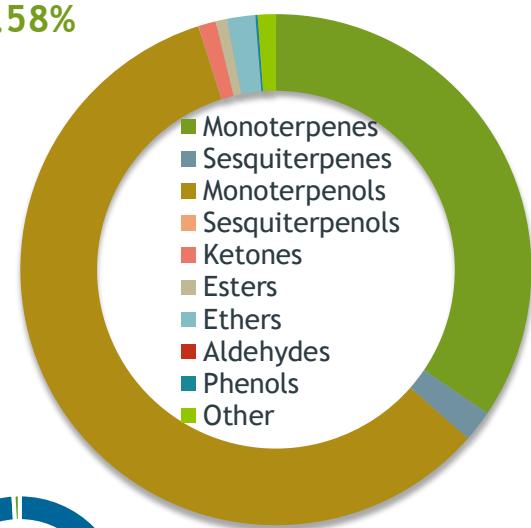
Client

39.30% Linalool
11.76% Terpinen-4-ol
7.30% gamma-Terpinene

Primary

Monoterpenols

58.58%



99.05%

Percentage Identified

Result

APPROVED

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Thyme Linalol, Spain (Thymus vulgaris)

Internal Number: | EVS-5013

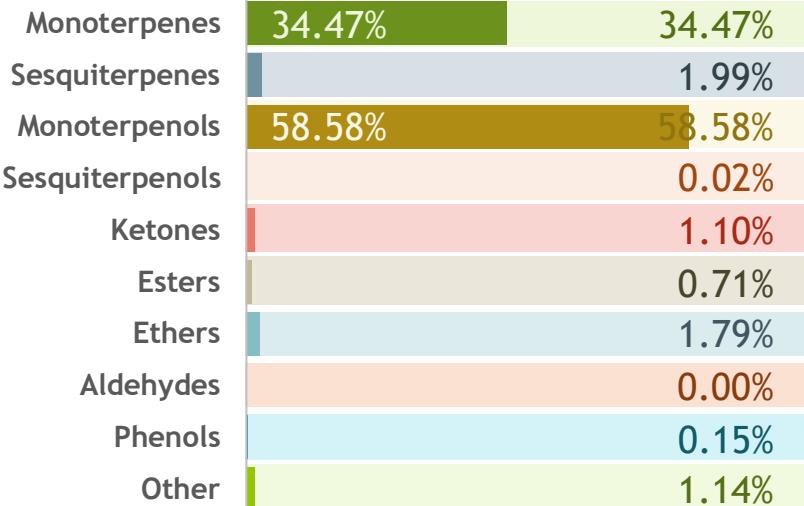


Essential Validation Services

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

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

[Signature]



- 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

Thyme Linalol, Spain (*Thymus vulgaris*)

ES-59260

Total Percentage	99.05%			
Number	RT	Area %	Compound Name	Chemical Family
1	7.50	0.11%	Hashishene	Monoterpene
2	7.58	0.06%	Tricyclene	Monoterpene
3	7.74	0.59%	alpha-Thujene	Monoterpene
4	7.99	2.94%	alpha-Pinene	Monoterpene
5	8.59	1.12%	Camphene	Monoterpene
6	8.76	0.03%	Thuja-2,4(10)-diene	Monoterpene
7	9.40	0.09%	Isopropyl tiglate	Aliphatic Ester
8	9.53	0.69%	Sabinene	Monoterpene
9	9.69	0.51%	beta-Pinene	Monoterpene
10	9.92	0.12%	1-Octen-3-ol	Aliphatic Alcohol
11	10.12	0.05%	Octan-3-one	Aliphatic Ketone
12	10.28	5.76%	Myrcene	Monoterpene
13	10.63	0.05%	3-Octanol	Aliphatic Alcohol
14	10.81	0.04%	Pseudolimonene	Monoterpene
15	10.91	0.49%	alpha-Phellandrene	Monoterpene
16	11.02	0.14%	delta-3-Carene	Monoterpene
17	11.38	3.63%	2-Carene	Monoterpene
18	11.72	3.83%	o-Cymene	Monoterpene
19	11.92	5.82%	Limonene	Monoterpene
20	12.01	1.63%	1,8-Cineole	Monoterpene Ether
21	12.30	0.04%	(Z)-beta-Ocimene	Monoterpene
22	12.76	0.12%	(E)-beta-Ocimene	Monoterpene
23	13.23	7.30%	gamma-Terpinene	Monoterpene
24	13.75	1.09%	trans-Sabinene hydrate	Monoterpenol
25	13.93	0.01%	1-Octanol	Aliphatic Alcohol
26	14.44	1.20%	Terpinolene	Monoterpene
27	14.51	0.26%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
28	14.65	0.04%	para-Cymenene	Monoterpene
29	15.31	39.30%	Linalool	Monoterpenol
30	15.38	0.47%	Hotrienol	Monoterpenol
31	15.74	0.01%	6-Methyl-3,5-heptadien-2-one	Monoterpene Ketone
32	16.21	0.20%	cis-para-Menth-2-en-1-ol	Monoterpenol
33	16.63	0.01%	1,3,8-para-Menthatriene	Monoterpene
34	16.78	0.03%	trans-para-Mentha-2,8-dien-1-ol	Monoterpenol
35	16.90	0.12%	alpha-Pinocarveol	Monoterpenol

Client



Source

*Thyme Linalol, Spain (Thymus vulgaris)*

ES-59260

Number	RT	Area %	Compound Name	Chemical Family
36	17.033	0.16%	trans-para-Menth-2-en-1-ol	Monoterpenol
37	17.14	0.72%	Camphor	Monoterpene Ketone
38	17.36	0.05%	trans-Verbenol	Monoterpenol
39	17.52	0.02%	Nerol oxide	Monoterpene Ether
40	17.76	0.02%	trans-Limonene oxide	Monoterpene Ether
41	17.94	0.01%	Isoborneol	Monoterpenol
42	18.11	0.01%	Lavandulol	Monoterpenol
43	18.35	2.52%	Borneol	Monoterpenol
44	18.59	0.04%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
45	18.81	11.76%	Terpinen-4-ol	Monoterpenol
46	19.09	0.09%	para-Cymen-8-ol	Monoterpenol
47	19.24	0.05%	(Z)-3-Hexenyl butyrate	Aliphatic Ester
48	19.45	1.60%	alpha-Terpineol	Monoterpenol
49	19.55	0.14%	cis-Dihydrocarvone	Monoterpene Ketone
50	19.93	0.14%	Verbenone	Monoterpene Ketone
51	20.11	0.08%	trans-Piperitol	Monoterpenol
52	20.56	0.03%	trans-Carveol	Monoterpenol
53	20.91	0.11%	Bornyl formate	Monoterpene Ester
54	21.48	0.15%	Methyl carvacrol	Phenylpropanoid
55	21.63	0.04%	Carvone	Monoterpene Ketone
56	22.04	0.44%	Linalyl acetate	Monoterpene Ester
57	23.46	0.12%	Isobornyl acetate	Monoterpene Ether
58	23.90	0.29%	Thymol	Monoterpenol
59	24.23	0.47%	Carvacrol	Monoterpenol
60	26.22	0.02%	alpha-Terpinyl acetate	Monoterpene Ester
61	28.31	0.01%	1-Tetradecene	Alkene
62	29.19	1.43%	beta-Caryophyllene	Sesquiterpene
63	29.51	0.01%	Longifolene	Sesquiterpene
64	29.63	0.01%	Sibirene	Sesquiterpene
65	29.86	0.02%	trans-alpha-Bergamotene	Sesquiterpene
66	29.96	0.05%	beta-Humulene	0.00
67	30.66	0.03%	alpha-Humulene	Sesquiterpene
68	30.85	0.02%	allo-Aromadendrene	Sesquiterpene
69	31.52	0.02%	6,9-Guaiadiene	Sesquiterpene
70	31.72	0.05%	Germacrene D	Sesquiterpene
71	32.15	0.03%	gamma-Gurjunene	Sesquiterpene



Client

Source



Thyme Linalol, Spain (*Thymus vulgaris*)

ES-59260

- 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