

Clary Sage Salvia sclarea

Batch No. FR-59316
France

Monoterpenes 2.18%

myrcene	0.84
(E) β ocimene	0.46
(Z) β ocimene	0.22
limonene	0.20
β -pinene	0.14
α -pinene	0.11
terpinolene	0.05
alloocimene	0.04
camphene	0.04
sabinene	0.04
para-cymene	0.02
γ terpinene	0.02

Esters 72.82%

linalyl acetate	70.28
geranyl acetate	1.04
linalool formate	0.72
neryl acetate	0.49
isopropyl tiglate	0.11
α terpinyl acetate	0.07
geranyl formate	0.05
neryl formate	0.03
bornyl acetate	0.02
methyl salicylate	0.01

Sesquiterpenes 6.27%

germacrene D	2.94
β caryophyllene	1.43
α copaene	0.55
bicyclogermacrene	0.31
δ elemene	0.16
β cubebene	0.15
β selinene	0.15
β elemene	0.13
β copaene	0.13
δ cadinene	0.12
(E,E) α farnesene	0.08
α humulene	0.05
β bourbonene	0.02
(Z) muurolo-3,5-diene	0.02
γ muurolene	0.02
(E) β farnesene	0.01

Monoterpenols 17.28%

linalool	16.27
α terpineol	0.78
nerol	0.13
(Z) dehydroxylinalool	0.04
hotrienol	0.03
borneol	0.03

Ethers 0.17%

caryophyllene oxide	0.16
1,8 cineole	0.01

Sesquiterpenols 0.09%

spathulenol	0.09
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Aldehydes 0.04%

(E) 2-hexenal	0.02
nonanal	0.02

Diterpenols 0.22%

sclareol	0.22
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Other 0.18%

(Z) hex-3-en-1-ol	0.03
1-hexanol	0.02
(E) 2-hexenol	0.04
1-octen-3-ol	0.04
tridecane	0.05

Client



Source



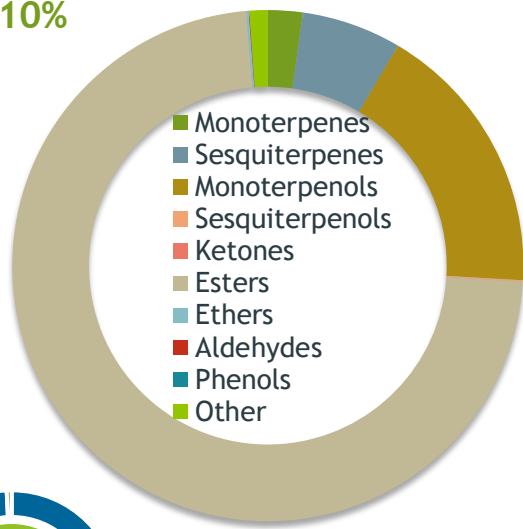
Clary Sage (*Salvia sclarea*)
FR-59316

Sample

Clary Sage (*Salvia sclarea*)
Batch #:..... FR-59316
Type:..... Essential Oil
CAS Number:... 8016-63-5
Nature's Gift

Esters

72.10%



Client



Website



Primary

70.28% | Linalyl acetate
16.27% | Linalool
2.94% | Germacrene D



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 Clary Sage (*Salvia sclarea*)

Internal Number: | EVS-5503



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	2.18%
Sesquiterpenes	6.27%
Monoterpenols	17.28%
Sesquiterpenols	0.09%
Ketones	0.00%
Esters	72.10%
Ethers	0.17%
Aldehydes	0.04%
Phenols	0.00%
Other	1.15%

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

Client



Source

Clary Sage (*Salvia sclarea*)

FR-59316

Total Percentage		99.25%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.40	0.02%	(E)-2-Hexenal	Aliphatic Aldehyde
2	5.46	0.03%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
3	5.76	0.04%	(E)-2-Hexenol	Aliphatic Alcohol
4	5.87	0.02%	1-Hexanol	Aliphatic Alcohol
5	7.93	0.11%	alpha-Pinene	Monoterpene
6	8.53	0.04%	Camphene	Monoterpene
7	9.35	0.11%	Isopropyl tiglate	Aliphatic Ester
8	9.47	0.04%	Sabinene	Monoterpene
9	9.63	0.14%	beta-Pinene	Monoterpene
10	9.87	0.04%	1-Octen-3-ol	Aliphatic Alcohol
11	10.21	0.84%	Myrcene	Monoterpene
12	10.85	0.04%	cis-Dehydroxylinalool oxide	Monoterpenol
13	11.65	0.02%	para-Cymene	Monoterpene
14	11.85	0.20%	Limonene	Monoterpene
15	11.94	0.01%	1,8-Cineole	Monoterpene Ether
16	12.23	0.22%	(Z)-beta-Ocimene	Monoterpene
17	12.69	0.46%	(E)-beta-Ocimene	Monoterpene
18	13.16	0.02%	gamma-Terpinene	Monoterpene
19	14.37	0.05%	Terpinolene	Monoterpene
20	15.19	16.27%	Linalool	Monoterpenol
21	15.28	0.03%	Hotrienol	Monoterpenol
22	15.35	0.02%	Nonanal	Aliphatic Aldehyde
23	16.39	0.04%	Alloocimene	Monoterpene
24	18.28	0.03%	Borneol	Monoterpenol
25	19.21	0.01%	Methyl salicylate	Phenolic Ester
26	19.39	0.78%	alpha-Terpineol	Monoterpenol
27	20.21	0.72%	Linalool formate	0.00
28	20.82	0.13%	Nerol	Monoterpenol
29	22.15	70.28%	Linalyl acetate	Monoterpene Ester
30	23.14	0.03%	Neryl formate	Monoterpene Ester
31	23.40	0.02%	Bornyl acetate	Monoterpene Ester
32	24.11	0.05%	Geranyl formate	Monoterpene Ester
33	24.27	0.05%	Tridecane	Alkane
34	25.47	0.16%	delta-Elemene	Sesquiterpene
35	26.13	0.07%	alpha-Terpinyl acetate	Monoterpene Ester

