

GCMS ANALYSIS

PRODUCT NAME: Clary Sage Essential Oil

Date: June 27, 2024

PRODUCT ID: CLARY-SAGE-FR-HB

Peak	Compound	RT	Area Sum %
1	(E)-2-Hexenal	5.853	0.03
2	(3Z)-Hexenol	5.958	0.02
3	(2E)-Hexenol	6.203	0.1
4	Hexanol	6.337	0.05
5	α -Pinene	9.005	0.15
6	Camphene	9.707	0.02
7	Sabinene + β -Pinene	11.226	0.22
8	l-Octen-3-ol	11.753	0.04
9	β -Myrcene	12.382	0.88
10	6-2-Carene	13.001	0.01
11	63-carene	13.355	0.03
12	p-Cymene	14.347	0.01
13	Limonene	14.587	0.19
14	1,8-Cineole	14.749	0.01
15	(Z)- β -Ocimene	15.54	0.44
16	(E)- β -Ocimene	16.236	0.77
17	γ -Terpinene	16.781	0.02
18	cis-Linalool oxide	17.881	0.01
19	α -Terpinolene	18.925	0.13
20	trans-Linalool oxide (furanoid)	19.112	0.01
21	Linalool	20.281	12.81
22	Allo-Ocimene	22.357	0.04
23	Camphor	23.029	0.02

24	Borneol	24.842	0.04
25	6-Terpineol	25.201	0.01
26	Terpinen-4-ol	25.873	0.03
27	α -Terpineol	27.055	1.66
28	unknown	29.446	0.45
29	Nerol	30.524	0.34
30	Neral	31.485	0.01
31	Linalyl acetate	33.445	66.65
32	Geranial	34.077	0.03
33	Bornyl acetate	34.986	0.05
34	Bicycloelemenene	38.941	0.12
35	unknown	39.952	0.07
36	α -Terpinyl acetate	40.242	0.04
37	unknown	41.117	0.03
38	Neryl acetate	41.904	1.39
39	β -Bourbonene	42.505	0.15
40	β -Cubebene	43.172	0.2
41	Geranyl acetate	43.5	1.27
42	α -Gurjunene	44.552	0.02
43	β -Caryophyllene	45.148	2.12
44	β -Copaene	45.982	0.1
45	α -Humulene	47.774	0.12
46	Germacrene D	50.061	5.9
47	3-Selinene	50.308	0.03
48	Geranyl propionate	50.561	0.29
49	Bicyclogermacrene	51.202	0.82
50	α -Muurolene	51.733	0.03

51	γ -Cadinene	52.71	0.04
52	(3E,6E)- α -Farnesene	52.966	0.11
53	6-Cadinene	53.523	0.2
54	Spathulenol	57.129	0.14
55	Caryophyllene oxide	57.392	0.18
56	unknown	58.917	0.15
57	unknown	61.617	0.12
58	3-Eudesmol	62.074	0.07
59	α -Eudesmol	62.241	0.04
60	unknown	62.419	0.01
61	Sclareoloxide	66.697	0.1
62	m-Camphorene	67.145	0.13
63	p-Camphorene	67.344	0.12
64	Gerany-p-cymene	67.482	0.05
65	Manoyl oxide	67.836	0.02
66	13-epi-Manoyl oxide	67.972	0.02
67	unknown	68.806	0.01
68	Sclareol	69.662	0.49
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	Total Identified		99.14%
	Total Reported		99.98%

Due to volume turnover, this report is not lot specific. It is representative of the quality of this oil produced by the manufacturer of this product. Specific lots may vary slightly as is the case in natural products.