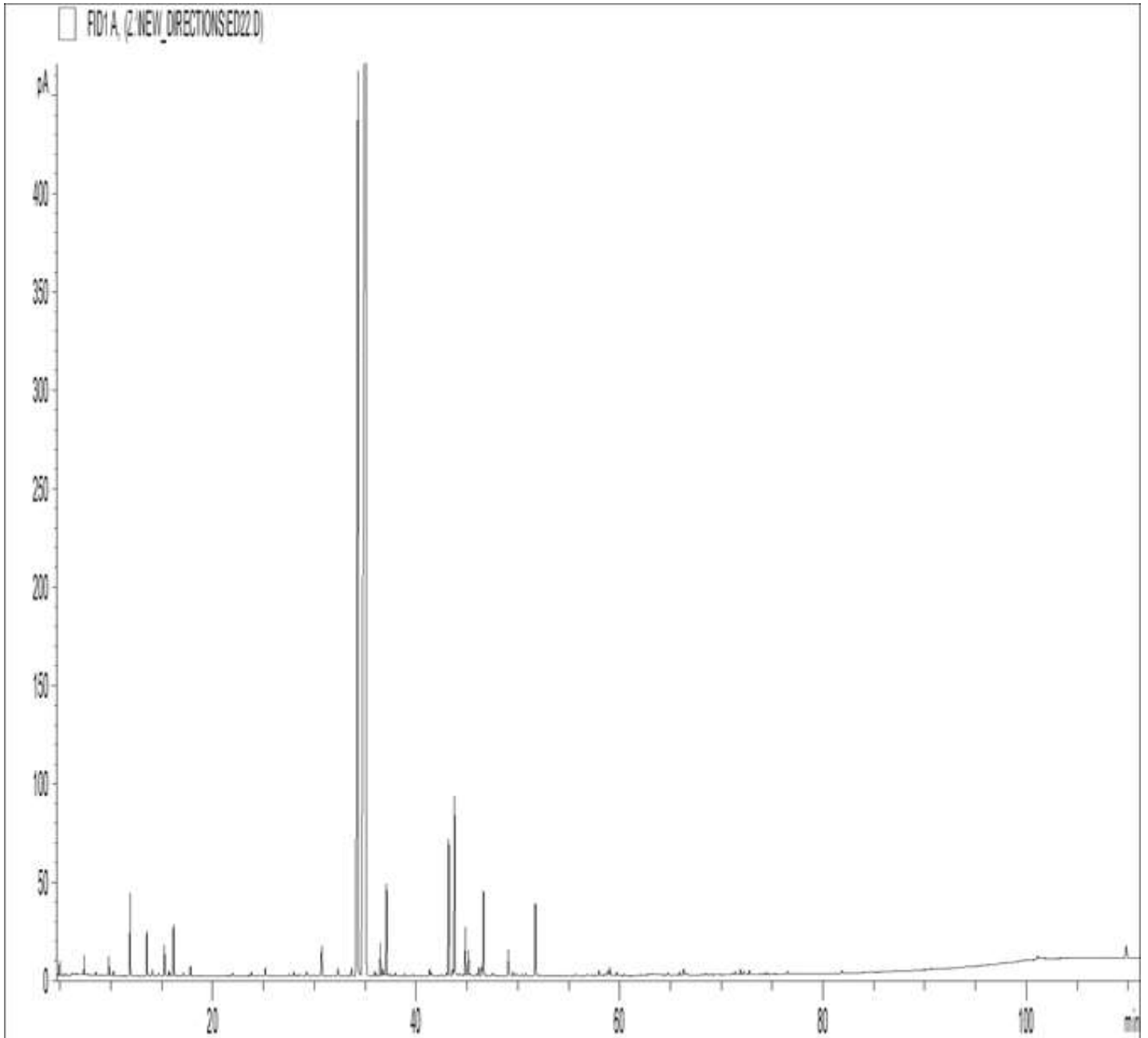


GCMS ANALYSIS

PRODUCT NAME: CLARY SAGE ESSENTIAL OIL (FRANCE) – VERIFIED BY ECOCERT - 11319
DATE: April 09, 2021



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,

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CLARY SAGE ESSENTIAL OIL (FRANCE) – VERIFIED BY ECOCERT - 11319

Peak	RT (min)	Compound name	%
1	4,93	OCTANE	0,06
2	5,57	NONANE	0,01
3	7,36	alpha-PINENE	0,12
4	7,44	alpha-THUYENE	0,01
5	8,50	CAMPHENE	0,02
6	9,79	beta-PINENE	0,14
7	10,24	SABINENE	0,03
8	11,86	beta-MYRCENE	0,68
9	13,53	LIMONENE	0,40
10	14,03	1,8-CINEOLE	0,02
11	14,06	cis-ARBUSCULON	0,05
12	14,68	2-HEXENAL	0,03
13	15,25	cis-beta-OCIMENE	0,29
14	15,69	trans-ARBUSCULON	0,04
15	15,83	gamma-TERPINENE	0,02
16	16,15	trans-beta-OCIMENE	0,48
17	17,13	p-CYMENE	0,03
18	17,82	TERPINOLENE	0,09
19	21,94	1-HEXANOL	0,04
20	23,79	3-HEXEN-1-OL	0,04
21	25,17	2-HEXEN-1-OL	0,09
22	27,48	LINALOOL cis-OXIDE	0,02
23	27,97	1-OCTEN-3-OL	0,05
24	28,22	TETRADECANE	0,01
25	28,55	LINALOOL trans-OXIDE	0,02
26	29,20	alpha-CUBEBENE	0,02
27	29,26	NERYL OXIDE	0,03
28	29,90	BICYCLOELEMENE	0,01
29	30,72	alpha-COPAENE	0,46
30	31,86	alpha-BOURBONENE	0,01

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CLARY SAGE ESSENTIAL OIL (FRANCE) – VERIFIED BY ECOCERT - 11319

Peak	RT (min)	Compound name	%
31	32,32	beta-BOURBONENE	0,11
32	33,65	beta1-CUBEBENE	0,13
33	34,28	LINALOOL	17,76
34	35,11	LINALYL ACETATE	67,46
35	35,25	BERGAMOTENE ISOMER	0,01
36	35,93	BORNYL ACETATE	0,04
37	36,14	SESQUITERPENE	0,03
38	36,49	EPOXY-LINALYL ACETATE	0,39
39	36,72	epsilon-CADINENE	0,09
40	36,84	alpha-trans-BERGAMOTENE	0,04
41	37,09	beta-CARYOPHYLLENE	1,12
42	37,48	HOTRIENOL	0,03
43	37,97	cis-p-2,8-MENTHADIEN-1-OL	0,03
44	38,87	GERMACRENE A	0,02
45	39,66	SESQUITERPENE	0,02
46	41,33	alpha-HUMULENE	0,05
47	41,40	NERYL FORMATE	0,05
48	41,51	E-beta-FARNESENE	0,04
49	42,34	gamma-MUUROLENE	0,01
50	42,49	BORNEOL	0,01
51	43,02	GERANYL FORMIATE	0,03
52	43,21	alpha-TERPINEOL	1,67
53	43,57	EREMOPHILENE	0,07
54	43,79	GERMACRENE D	2,64
55	44,28	SESQUITERPENE	0,02
56	44,85	NERYL ACETATE	0,55
57	45,15	BICYCLOGERMACRENE	0,32
58	45,35	SESQUITERPENE	0,02
59	45,95	GERANIAL	0,03
60	46,19	E,E-alpha-FARNESENE	0,09

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CLARY SAGE ESSENTIAL OIL (FRANCE) – VERIFIED BY ECOCERT - 11319

Peak	RT (min)	Compound name	%
61	46,48	delta-CADINENE	0,10
62	46,63	GERANYL ACETATE	1,02
63	46,80	SESQUITERPENE	0,01
64	47,51	METHYL SALICYLATE	0,02
65	47,62	alpha-DIHYDRO-AGAROFURAN	0,02
66	49,08	NEROL	0,33
67	49,20	HEXENYLIC ESTER	0,03
68	49,54	cis-EPOXYLINALYL ACETATE	0,04
69	49,86	3,5,7-OCTATRIENE-2-OL, Z,Z-2,6-DIMETHYL-	0,03
70	50,42	trans-EPOXYLINALYL ACETATE	0,02
71	50,78	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0,03
72	51,73	GERANIOL	0,90
73	55,69	COMPOUND Mw=192	0,02
74	56,83	LAVANDULIC ESTER	0,01
75	57,24	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	0,01
76	57,60	PIPERITENONE OXIDE	0,02
77	58,00	HEXENYLIC ESTER	0,06
78	58,60	ISOCARYOPHYLLENE OXIDE	0,04
79	58,89	SESQUITERPENIC EPOXIDE	0,07
80	59,07	CARYOPHYLLENE OXIDE	0,11
81	59,75	BERGAMOTOL ISOMER	0,04
82	64,74	AROMATIC COMPOUND	0,04
83	65,96	AROMATIC COMPOUND	0,04
84	66,31	SPATHULENOL	0,09
85	66,45	SESQUITERPENIC EPOXIDE	0,01
86	66,64	HEXENYLIC ESTER	0,02
87	68,46	PENTADECANONE, TRIMETHYL-	0,03
88	71,06	AROMATIC COMPOUND	0,01
89	71,20	alpha-EUDESOL	0,02
90	71,39	beta-EUDESOL	0,05

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CLARY SAGE ESSENTIAL OIL (FRANCE) – VERIFIED BY ECOCERT - 11319

Peak	RT (min)	Compound name	%
91	71,92	GERANYL-alpha-TERPINENE ISOMER	0,07
92	72,22	SCLAREOL OXIDE	0,06
93	72,77	COMPOUND Mw=270	0,06
94	74,50	GERANYL-p-CYMENE	0,03
95	101,08	LINOLEIC ACID	0,07
96	109,82	SCLAREOL	0,30
		TOTAL	100,00

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