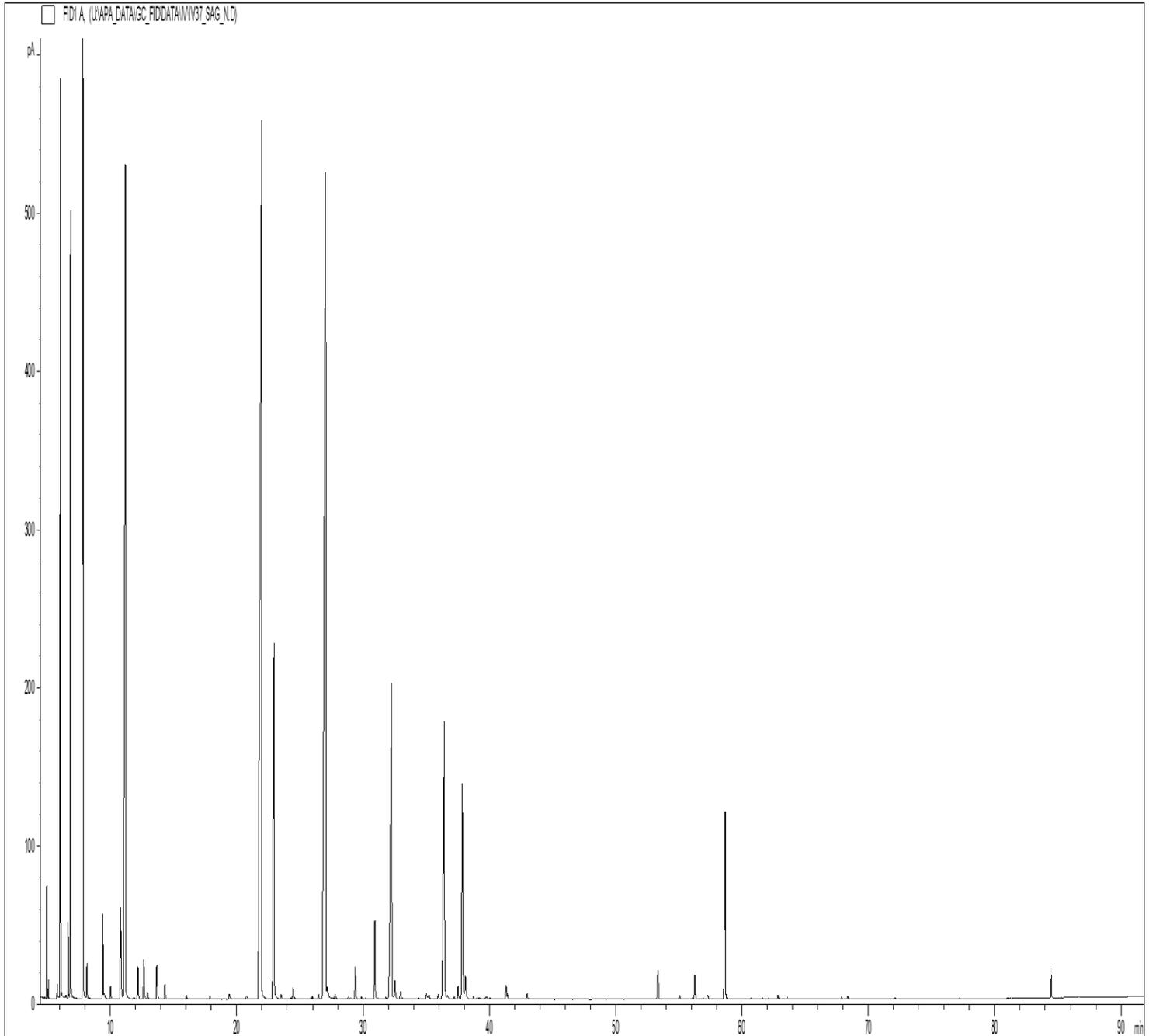


GCMS ANALYSIS

PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL – 50040

DATE: November 16, 2022



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: SAGE ORGANIC ESSENTIAL OIL – 50040

Peak	RT (min)	Compound name	%
1	4,94	Z-SALVENE	0,51
2	5,08	E-SALVENE	0,09
3	5,80	TRICYCLENE	0,08
4	6,04	alpha-PINENE	4,91
5	6,06	alpha-THUYENE	0,37
6	6,41	beta-FENCHENE	0,01
7	6,48	ALIPHATIC COMPOUND	0,03
8	6,65	alpha-FENCHENE	0,46
9	6,84	CAMPHENE	4,85
10	7,82	beta-PINENE	7,70
11	8,13	SABINENE	0,27
12	9,41	beta-MYRCENE	0,66
13	9,53	alpha-PHELLANDRENE	0,06
14	9,60	psi-LIMONENE	0,02
15	10,03	alpha-TERPINENE	0,13
16	10,83	LIMONENE	1,08
17	11,19	1,8-CINEOLE	10,86
18		beta-PHELLANDRENE	
19	11,82	2-HEXENAL	0,02
20	12,18	cis-beta-OCIMENE	0,30
21	12,65	gamma-TERPINENE	0,39
22	12,95	trans-beta-OCIMENE	0,06
23	13,00	3-OCTANONE	0,02
24	13,67	p-CYMENE	0,37
25	14,32	TERPINOLENE	0,18
26	16,03	3-HEXEN-1-OL ACETATE	0,06
27	17,89	1-HEXANOL	0,05
28	19,43	3-HEXEN-1-OL	0,10
29	20,41	3-OCTANOL	0,02
30	20,63	FENCHONE	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL – 50040

Peak	RT (min)	Compound name	%
31	20,78	2-HEXEN-1-OL	0,06
32	21,96	alpha-THUYONE	20,48
33	22,80	TETRADECANE	0,02
34	22,85	alpha,p-DIMETHYLSTYRENE	0,02
35	22,93	beta-THUYONE	4,40
36	23,50	1-OCTEN-3-OL	0,05
37	24,29	alpha-CUBEBENE	0,02
38	24,45	trans-THUYANOL	0,15
39	24,61	LINALOOL trans-OXIDE	0,01
40	25,87	YLANGENE	0,02
41	25,98	cis-3-HEXENYL ISOVALERATE	0,04
42	26,46	alpha-COPAENE	0,07
43	27,04	CAMPHOR	18,90
44	27,17	beta-BOURBONENE	0,10
45	27,77	alpha-GURJUNENE	0,05
46	28,83	ISOPINOCAMPHONE	0,05
47	29,01	beta1-CUBEBENE	0,02
48	29,38	LINALOOL	0,36
49	29,85	LINALYL ACETATE	0,03
50	30,19	trans-p-MENTH-2-EN-1-OL	0,02
51	30,85	epsilon-CADINENE	0,04
52	30,93	BORNYL ACETATE	0,92
53	31,17	ISOBORNYL ACETATE	0,03
54	31,79	alpha-trans-BERGAMOTENE	0,03
55	31,80	beta-CUBEBENE	0,05
56	31,85	TERPENIC COMPOUND	0,05
57	32,26	beta-CARYOPHYLLENE	6,34
58	32,33	CAMPHENE HYDRATE	0,04
59	32,51	TERPINENE-4-OL	0,28
60	32,97	AROMADENDRENE	0,12

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL – 50040

Peak	RT (min)	Compound name	%
61	33,11	SESQUITERPENE	0,02
62	33,25	COPACAMPHENE	0,02
63	34,03	MYRTENAL	0,02
64	34,38	CHAMIGRENE ISOMER	0,03
65	34,77	GERMACRENE A	0,01
66	35,00	ALLO-AROMADENDRENE	0,08
67	35,10	trans-PINOCARVEOL	0,03
68	35,21	trans-SABINYL ACETATE	0,06
69	35,94	THUJYLYL ALCOHOL	0,06
70	36,43	alpha-HUMULENE	4,86
71	36,47	delta-TERPINEOL	0,12
72	36,68	gamma-SELINENE	0,08
73	36,88	CARVOTANACETONE	0,02
74	37,21	MYRTENYL ACETATE	0,05
75	37,52	gamma-MUUROLENE	0,17
76	37,85	BORNEOL	2,90
77	38,10	alpha-TERPINEOL	0,30
78	38,15	LEDENE	0,12
79	38,74	GERMACRENE D	0,04
80	39,01	MUUROLENE ISOMER	0,02
81	39,20	beta-SELINENE	0,03
82	39,68	alpha-SELINENE	0,02
83	39,79	alpha-MUUROLENE	0,05
84	40,03	BICYCLOGERMACRENE	0,03
85	41,32	delta-CADINENE	0,17
86	41,44	gamma-CADINENE	0,08
87	41,90	MYRCEN-8-YL ACETATE	0,01
88	43,00	MYRTENOL	0,09
89	43,32	alpha-AMORPHENE	0,01
90	43,47	CAMPHOLENOL	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL – 50040

Peak	RT (min)	Compound name	%
91	43,94	SABINOL ISOMERE	0,01
92	45,40	cis-CALAMENENE	0,02
93	45,52	trans-CALAMENENE	0,02
94	45,72	trans-CARVEOL	0,01
95	46,26	p-CYMENE-8-OL	0,01
96	48,25	Epi-CUBEBOL	0,01
97	49,87	alpha-CALACORENE	0,01
98	50,12	PHENYLETHYL ALCOHOL	0,01
99	51,67	CUBEBOL	0,01
100	52,96	ISOCARYOPHYLLENE OXIDE	0,02
101	53,35	CARYOPHYLLENE OXIDE	0,37
102	55,07	HUMULOL	0,04
103	56,07	LEDOL	0,02
104	56,26	EPOXY-6,7-HUMULENE	0,34
105	56,93	GERMACRENE D-4-OL	0,02
106	57,30	COMPOUND Mw=168	0,06
107	58,67	VIRIDIFLOROL	2,39
108	60,68	SPATHULENOL	0,02
109	61,62	PENTADECANONE, TRIMETHYL-	0,01
110	62,12	AROMATIC COMPOUND	0,02
111	62,85	DITERPENE	0,04
112	62,90	EUGENOL	0,02
113	63,58	THYMOL	0,02
114	64,45	CARVACROL	0,01
115	66,79	COMPOUND Mw=270	0,01
116	67,87	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,02
117	68,37	SESQUITERPENIC OXIDE	0,05
118	72,08	SESQUITERPENIC OXIDE	0,02
119	77,21	ABIETATRIENE	0,01
120	84,43	Epi-MANOOL	0,35

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: SAGE ORGANIC ESSENTIAL OIL – 50040

Peak	RT (min)	Compound name	%
121	86,66	ALIPHATIC COMPOUND	0,02
		TOTAL	99,92

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