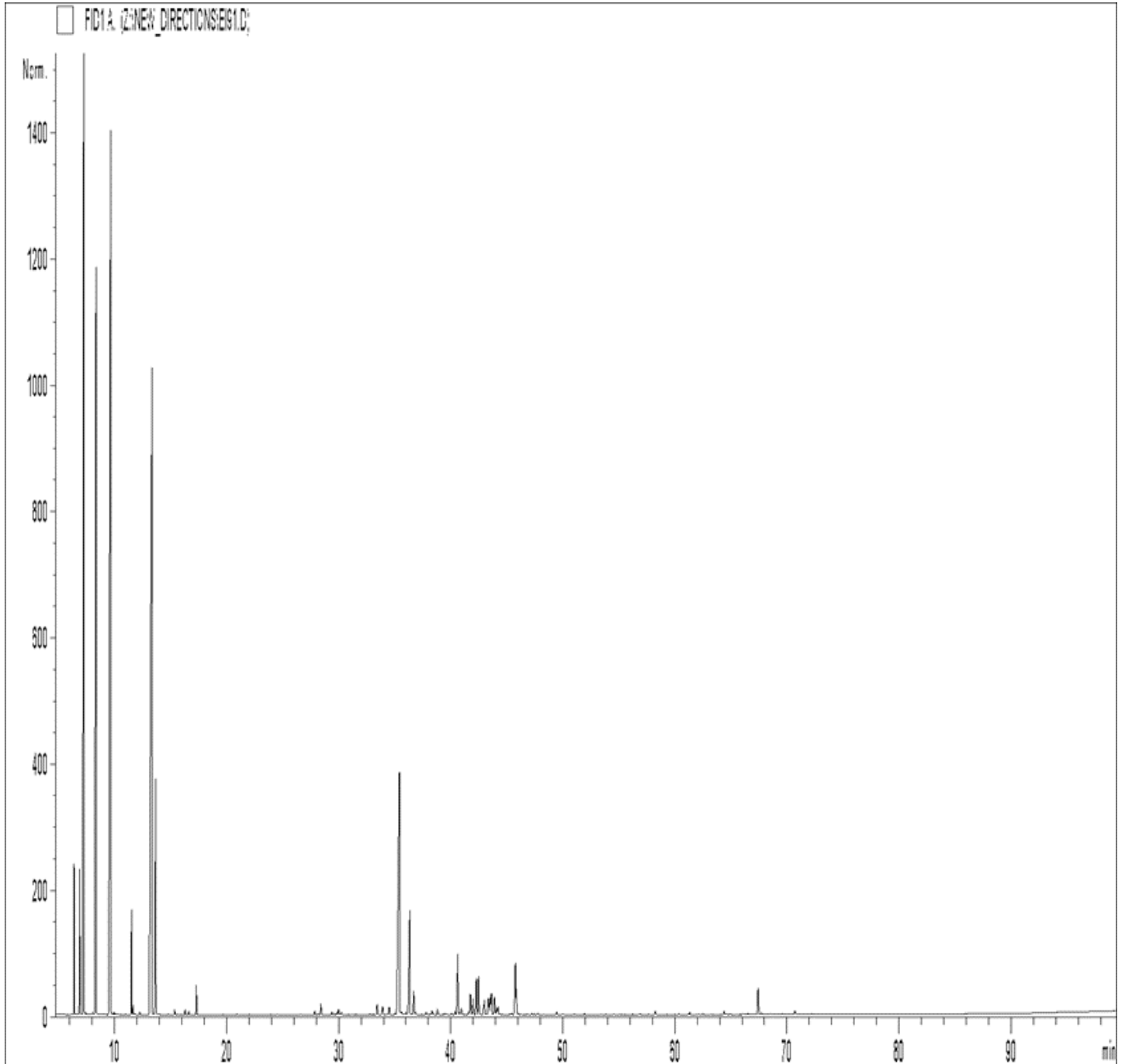


GCMS ANALYSIS

PRODUCT NAME: SILVER FIR ORGANIC ESSENTIAL OIL - 50065

DATE: April 19, 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: SILVER FIR ORGANIC ESSENTIAL OIL - 50065

Peak	RT (min)	Compound name	%
1	6,39	SANTENE	1,20
2	6,89	TRICYCLENE	1,43
3	7,26	alpha-PINENE	14,99
4	7,27	alpha-THUYENE	0,09
5	7,44	TOLUENE	0,02
6	8,04	alpha-FENCHENE	0,03
7	8,34	CAMPHENE	11,44
8	9,65	beta-PINENE	21,60
9	9,95	SABINENE	0,03
10	10,06	PINADIENE	0,01
11	10,99	delta3-CARENE	0,02
12	11,52	beta-MYRCENE	1,18
13	11,65	alpha-PHELLANDRENE	0,12
14	11,79	psi-LIMONENE	0,01
15	12,25	alpha-TERPINENE	0,04
16	13,34	LIMONENE	21,29
17	13,67	beta-PHELLANDRENE	3,68
18	13,89	MENTHATRIENE ISOMER	0,01
19	14,80	cis-beta-OCIMENE	0,01
20	15,36	gamma-TERPINENE	0,07
21	15,67	trans-beta-OCIMENE	0,02
22	16,30	2-HEPTANOL, ACETATE	0,07
23	16,63	p-CYMENE	0,06
24	17,30	TERPINOLENE	0,41
25	20,96	COMPOUND Mw=152	0,02
26	24,52	COMPOUND Mw=152	0,01
27	26,58	alpha,p-DIMETHYLSTYRENE	0,02
28	27,88	alpha-CUBEBENE	0,07
29	28,15	FENCHYL ACETATE	0,03
30	28,43	alpha-LONGIPINENE	0,22

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SILVER FIR ORGANIC ESSENTIAL OIL - 50065

Peak	RT (min)	Compound name	%
31	29,41	alpha-CAMPHOLENAL	0,06
32	29,65	YLANGENE	0,03
33	29,86	SESQUITERPENE	0,05
34	30,00	alpha-COPAENE	0,11
35	30,25	CAMPHOR	0,06
36	31,19	SESQUITERPENE	0,02
37	32,84	COMPOUND Mw=152	0,03
38	33,09	beta1-CUBEBENE	0,01
39	33,45	LINALOOL	0,21
40	33,93	LINALYL ACETATE	0,21
41	34,22	trans-p-MENTH-2-EN-1-OL	0,01
42	34,44	SESQUITERPENE	0,02
43	34,52	LONGIFOLENE	0,15
44	35,03	epsilon-CADINENE	0,06
45	35,43	BORNYL ACETATE	7,93
46	35,51	SESQUITERPENE	0,03
47	35,62	ALIPHATIC ESTER	0,09
48	35,98	beta-ELEMENE	0,06
49	36,11	CAMPHENE HYDRATE	0,03
50	36,30	beta-CARYOPHYLLENE	2,48
51	36,35	TERPINENE-4-OL	0,02
52	36,70	HIMACHALA-2,4-DIENE	0,47
53	36,88	6,9-GUAIADIENE	0,05
54	37,81	SESQUITERPENE	0,04
55	38,16	HIMACHALENE ISOMER	0,02
56	38,35	CADINA-3,5-DIENE	0,10
57	38,82	alpha-HIMACHALENE	0,12
58	39,40	trans-PINOCARVEOL	0,02
59	39,55	TERPENIC KETONE	0,03
60	39,68	SESQUITERPENE	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SILVER FIR ORGANIC ESSENTIAL OIL - 50065

Peak	RT (min)	Compound name	%
61	40,09	ZONARENE	0,04
62	40,38	CITRONELIC ACETATE	0,07
63	40,64	alpha-HUMULENE	1,19
64	40,78	E-beta-FARNESENE	0,05
65	40,95	LONGICYCLENE ISOMER	0,16
66	41,27	gamma-SELINENE	0,02
67	41,63	TERPENIC ACETATE	0,05
68	41,76	gamma-MUUROLENE	0,43
69	41,99	TERPENYL ACETATE	0,32
70	42,29	alpha-TERPINEOL	0,68
71	42,49	BORNEOL	0,72
72	42,95	beta-HIMACHALENE	0,12
73	43,02	GERMACRENE D	0,29
74	43,38	SESQUITERPENE	0,44
75	43,54	10,11-HIMACHALA-3,4-DIENE	0,31
76	43,65	beta-SELINENE	0,41
77	43,91	alpha-SELINENE	0,46
78	44,12	alpha-MUUROLENE	0,13
79	44,24	beta-BISABOLENE	0,16
80	44,62	BICYCLOGERMACRENE	0,02
81	45,46	alpha-FARNESENE	0,04
82	45,78	delta-CADINENE	1,01
83	45,86	gamma-CADINENE	0,43
84	46,02	7-epi-alpha-SELINENE	0,04
85	46,81	alpha-BISABOLENE	0,01
86	47,25	CADINA-1,4-DIENE	0,03
87	47,48	MYRTENOL	0,02
88	47,80	alpha-AMORPHENE	0,04
89	48,32	NEROL	0,02
90	49,48	TERPENIC ACETATE	0,06

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SILVER FIR ORGANIC ESSENTIAL OIL - 50065

Peak	RT (min)	Compound name	%
91	49,92	cis-CALAMENENE	0,01
92	50,03	trans-CALAMENENE	0,03
93	50,99	p-CYMENE-8-OL	0,02
94	51,93	AROMATIC COMPOUND Mw=202	0,03
95	53,85	TERPENIC KETONE	0,02
96	54,54	alpha-CALACORENE	0,02
97	55,21	SESQUITERPENOL	0,01
98	56,22	SESQUITERPENIC EPOXIDE	0,01
99	56,92	beta-CALACORENE	0,04
100	57,67	1-DODECANOL	0,01
101	58,27	CARYOPHYLLENE EPOXIDE	0,09
102	60,36	SESQUITERPENOL	0,03
103	61,22	epoxy-6,7-HUMULENE	0,03
104	61,35	NEROLIDOL	0,05
105	62,12	epi-CUBENOL	0,02
106	62,53	CUBENOL	0,02
107	64,40	10-epi-gamma-EUDES MOL	0,08
108	64,59	SESQUITERPENOL	0,02
109	66,09	AROMATIC COMPOUND	0,04
110	66,51	SESQUITERPENOL	0,05
111	66,76	LONGIBORNEOL	0,01
112	67,44	gamma-EUDES MOL	0,52
113	67,74	T-CADINOL	0,05
114	68,31	SESQUITERPENIC EPOXIDE	0,02
115	68,55	alpha-MUUROLOL	0,03
116	69,22	delta-CADINOL	0,03
117	69,60	HIMACHALOL ISOMER	0,02
118	69,82	SESQUITERPENOL Mw=222	0,02
119	70,27	alpha-EUDES MOL	0,01
120	70,65	beta-EUDES MOL	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SILVER FIR ORGANIC ESSENTIAL OIL - 50065

Peak	RT (min)	Compound name	%
121	70,71	alpha-CADINOL	0,07
122	71,68	EUDESMA-7(11)-EN-4-OL	0,01
123	72,26	FARNESYL ACETATE	0,02
		TOTAL	99,98

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