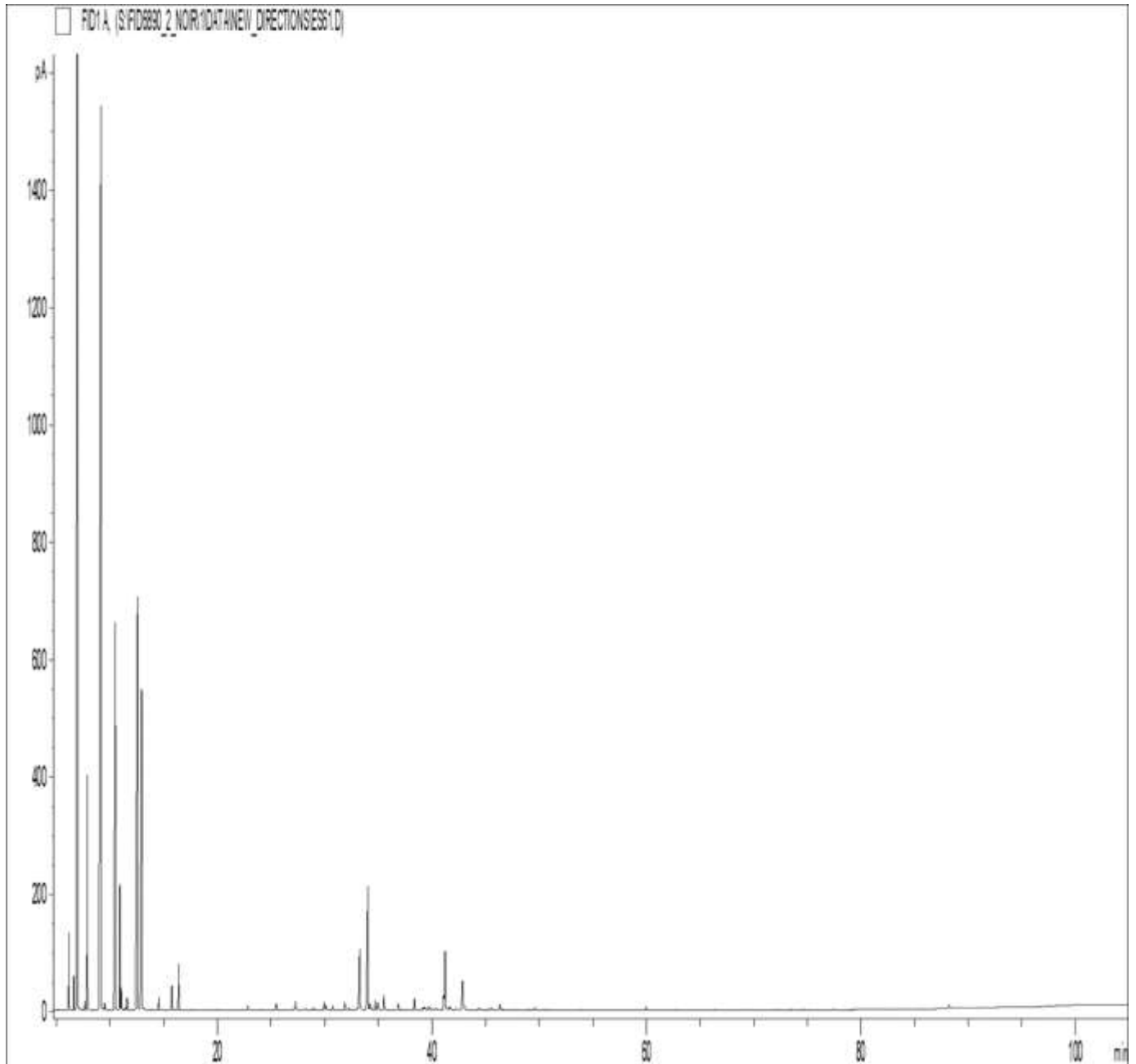


## GCMS ANALYSIS

PRODUCT NAME: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

DATE: June 03, 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: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

Peak	RT (min)	Compound name	%
1	6,15	SANTENE	0,93
2	6,38	TERPENE ISOMER	0,02
3	6,61	TRICYCLENE	0,49
4	<b>6,94</b>	<b>alpha-PINENE</b>	<b>20,94</b>
5		alpha-THUYENE	
6	7,10	COMPOSÉ Mw=122	0,04
7	7,28	TOLUENE	0,04
8	7,65	alpha-FENCHENE	0,13
9	7,88	<b>CAMPHENE</b>	<b>3,29</b>
10	8,31	HEXANAL	0,01
11	9,14	<b>beta-PINENE</b>	<b>27,94</b>
12	9,43	SABINENE	0,09
13	9,52	PINADIENE	0,10
14	9,74	p-MENTH-2-ENE	0,01
15	10,48	<b>delta3-CARENE</b>	<b>8,36</b>
16	10,90	beta-MYRCENE	1,81
17	11,02	alpha-PHELLANDRENE	0,34
18	11,15	psi-LIMONENE	0,04
19	11,45	o-CYMENE	0,04
20	11,58	alpha-TERPINENE	0,21
21	12,20	TERPENE ISOMER	0,01
22	12,54	<b>LIMONENE</b>	<b>11,86</b>
23	12,93	1,8-CINEOLE	0,02
24	12,94	<b>beta-PHELLANDRENE</b>	<b>7,52</b>
25	13,12	1,3,8-p-MENTHATRIENE	0,07
26	13,77	2-PENTYL-FURANE	0,02
27	14,54	gamma-TERPINENE	0,24
28	14,69	MENTHATRIENE ISOMER	0,03
29	15,74	p-CYMENE	0,47
30	16,09	ISOTERPINOLENE	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

Peak	RT (min)	Compound name	%
31	16,40	TERPINOLENE	0,88
32	17,51	COMPOUND Mw=134	0,03
33	18,63	PINOL	0,03
34	19,94	COMPOUND Mw=108	0,02
35	20,44	COMPOUND Mw=178	0,01
36	21,55	beta-PINENE OXIDE	0,01
37	22,12	COMPOUND Mw=178	0,01
38	22,85	FENCHONE	0,12
39	24,70	COMPOUND Mw=152	0,01
40	24,92	alpha-p-DIMETHYLSTYRENE ISOMER	0,03
41	25,49	alpha-p-DIMETHYLSTYRENE	0,20
42	25,78	COMPOUND Mw=178	0,03
43	27,15	Epoxy-4,8-TERPINOLENE	0,03
44	27,28	alpha-LONGIPINENE	0,27
45	28,09	YLANGENE	0,04
46	28,24	alpha-CAMPHOLENAL	0,05
47	28,85	alpha-COPAENE	0,03
48	28,98	LONGICYCLENE	0,07
49	29,94	CAMPHOR	0,21
50	30,13	alpha-PINOCAMPHONE	0,13
51	30,75	SATIVENE	0,11
52	30,97	SESQUITERPENE	0,01
53	31,86	beta-PINOCAMPHONE	0,21
54	32,22	SESQUITERPENE	0,10
55	32,61	alpha-GURJUNENE	0,01
56	32,97	trans-p-MENTH-2-EN-1-OL	0,06
57	33,27	LONGIFOLENE	1,79
58	33,44	PINOCARVONE	0,03
59	33,67	SESQUITERPENE	0,02
60	34,02	<b>BORNYL ACETATE</b>	<b>3,57</b>

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

Peak	RT (min)	Compound name	%
61	34,20	FENCHOL	0,18
62	34,41	alpha-cis-BERGAMOTENE	0,05
63	34,71	METHYL THYMOL ETHER	0,22
64	34,94	beta-CARYOPHYLLENE	0,18
65	35,01	SESQUITERPENE	0,04
66	35,52	TERPINENE-4-OL	0,36
67	35,97	cis-DIHYDROCARVONE	0,02
68	36,86	MYRTENAL	0,18
69	37,07	KETONE COMPOUND	0,03
70	37,47	COMPOUND Mw=124	0,06
71	37,84	alpha-HIMACHALENE	0,03
72	38,35	trans-PINOCARVEOL	0,30
73	39,11	SESQUITERPENE	0,06
74	39,26	CITRONELLYL ACETATE	0,08
75	39,38	CRYPTONE	0,08
76	39,73	alpha-HUMULENE	0,14
77	39,93	SESQUITERPENE	0,06
78	40,20	trans-VERBENOL	0,04
79	40,32	gamma-SELINENE	0,04
80	40,40	E-beta-FARNESENE	0,04
81	40,54	SESQUITERPENE	0,03
82	40,71	SESQUITERPENE	0,03
83	40,95	SESQUITERPENE	0,03
84	41,11	BORNEOL	0,34
85	41,23	alpha-TERPINEOL	1,41
86	41,57	VERBENONE	0,07
87	41,70	beta-HIMACHALENE	0,13
88	42,09	SESQUITERPENE	0,02
89	42,29	SESQUITERPENE	0,09
90	42,69	PIPERITONE	0,04

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

Peak	RT (min)	Compound name	%
91	42,86	beta-BISABOLENE	0,83
92	42,99	PHELLANDRAL	0,20
93	43,43	CARVONE	0,06
94	43,93	ACETATE DE GERANYLE	0,02
95	44,36	delta-CADINENE	0,08
96	44,49	gamma-CADINENE	0,07
97	44,98	CITRONELLOL	0,01
98	45,17	SESQUITERPENE	0,03
99	45,31	SESQUITERPENE	0,02
101	46,05	CUMINAL	0,06
102	46,36	MYRTENOL	0,17
103	46,61	CITRONELLIC ESTER	0,03
104	46,78	CITRONELLIC ESTER	0,02
105	47,23	CUPARENE	0,04
106	47,77	COMPOUND Mw=202	0,02
107	48,70	AROMATIC COMPOUND	0,02
108	48,99	trans-CARVEOL	0,03
109	49,35	m-CYMENE-8-OL	0,02
110	49,64	p-CYMENE-8-OL	0,06
111	50,62	cis-CARVEOL	0,02
112	50,71	ALIPHATIC ESTER	0,02
113	54,02	ALIPHATIC ALCOHOL	0,03
114	56,04	PHENYLETHYL ESTER	0,01
115	56,91	alpha-CALACORENE	0,02
116	57,92	CARYOPHYLLENE OXIDE	0,02
117	59,85	SESQUITERPENOL	0,01
118	60,01	NEROLIDOL	0,09
119	62,69	CUMINOL	0,02
120	63,69	THYMOL	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

Peak	RT (min)	Compound name	%
121	66,32	SESQUITERPENOL	0,02
122	66,76	ALIPHATIC ESTER	0,02
123	69,87	AROMATIC COMPOUND	0,02
124	72,15	DITERPENE	0,02
125	73,61	SANDARACOPIMARADIENE	0,02
126	74,57	MANOYL OXIDE	0,03
127	77,32	MANOYL OXIDE ISOMER	0,01
128	77,61	AROMATIC COMPOUND	0,02
129	79,44	DITERPENE	0,01
130	79,78	19-NORABIETA-8,11,13-TRIENE	0,01
131	80,93	ABIETATRIENE	0,02
132	88,23	DITERPENE	0,08
133	89,49	AROMATIC COMPOUND	0,02
134	91,37	AROMATIC COMPOUND	0,02
		<b>TOTAL</b>	<b>99,99</b>

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