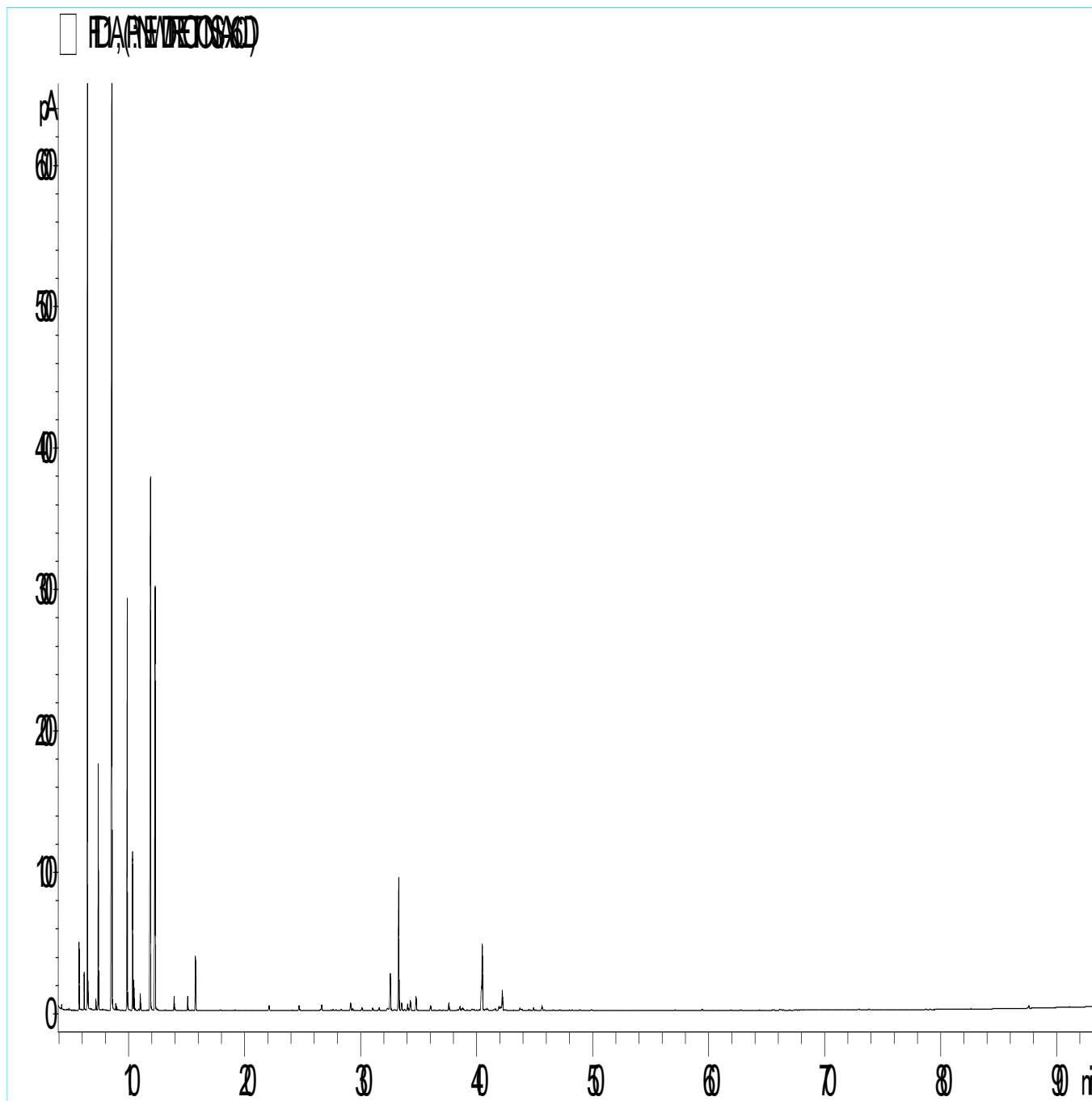


GCMS ANALYSIS

PRODUCT NAME: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

DATE: March 17, 2020



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	4,22	ACETONE	0,03
2	5,72	SANTENE	0,71
3	6,16	TRICYCLENE	0,45
4	6,46	alpha-PINENE	21,79
5	6,48	alpha-THUYENE	0,26
6	6,75	TOLUENE	0,03
7	7,17	alpha-FENCHENE	0,14
8	7,37	CAMPHENE	3,22
9	7,75	HEXANAL	0,02
10	8,56	beta-PINENE	29,86
11	8,88	SABINENE	0,08
12	8,97	PINADIENE	0,05
13	9,87	delta3-CARENE	6,95
14	10,33	beta-MYRCENE	2,37
15	10,44	alpha-PHELLANDRENE	0,47
16	10,57	psi-LIMONENE	0,03
17	10,84	o-CYMENE	0,03
18	10,99	alpha-TERPINENE	0,29
19	11,88	LIMONENE	11,83
20	12,28	beta-PHELLANDRENE	8,60
21	13,91	gamma-TERPINENE	0,26
22	15,08	p-CYMENE	0,27
23	15,45	ISOTERPINOLENE	0,02
24	15,75	TERPINOLENE	1,04
25	17,90	PINOL	0,03
26	19,17	CAMPHOLENAL ISOMER	0,02
27	22,09	FENCHONE	0,11
28	24,67	alpha-p-DIMETHYLSTYRENE	0,14
29	26,51	FENCHYL ACETATE	0,03
30	26,63	alpha-LONGIPINENE	0,14

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

Peak	RT (min)	Compound name	%
31	27,45	SESQUITERPENE	0,02
32	27,61	YLANGENE	0,03
33	27,86	alpha-CAMPHOLENAL	0,02
34	28,32	LONGICYCLENE	0,03
35	29,12	CAMPHOR	0,19
36	29,30	alpha-PINOCAMPHONE	0,06
37	30,10	SATIVENE	0,07
38	31,03	beta-PINOCAMPHONE	0,08
39	31,59	LINALOOL	0,08
40	32,30	PINOCARVONE + SESQUITERPENE	0,10
41	32,54	LONGIFOLENE	1,03
42	33,28	BORNYL ACETATE	3,41
43	33,53	FENCHOL	0,18
44	34,05	METHYL THYMOL ETHER	0,16
45	34,28	beta-CARYOPHYLLENE	0,29
46	34,78	TERPINENE-4-OL	0,34
47	36,03	MYRTENAL	0,13
48	36,81	SESQUITERPENE	0,03
49	37,61	trans-PINOCARVEOL	0,19
50	38,35	CRYPTONE	0,03
51	38,52	ISOBORNEOL + ESTRAGOL	0,04
52	38,57	alpha-HUMULENE	0,12
53	38,80	E-beta-FARNESENE	0,12
54	39,58	Z-beta-FARNESENE	0,06
55	39,78	SESQUITERPENE	0,04
56	40,24	gamma-MUUROLENE	0,03
57	40,41	BORNEOL	0,48
58	40,49	alpha-TERPINEOL	1,67
59	40,75	LEDENE	0,05
60	40,91	beta-HIMACHALENE	0,08

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: FIR BALSAM ORGANIC ESSENTIAL OIL - 50059

Peak	RT (min)	Compound name	%
61	41,61	PHELLANDRAL	0,05
62	41,92	PIPERITONE + SESQUITERPENE	0,13
63	42,07	MENTHADIENOL ISOMER + alpha-SELINENE	0,12
64	42,22	beta-BISABOLENE	0,55
65	42,50	CARVONE	0,04
66	43,73	delta-CADINENE	0,07
67	43,83	gamma-CADINENE	0,03
68	43,92	GERANYL ACETATE	0,03
69	44,50	CITRONELLOL	0,07
70	44,91	trans-alpha-BISABOLENE + CUMINAL	0,07
71	45,63	MYRTENOL	0,11
72	46,60	CITRONELLYL ISOVALERATE	0,03
73	47,14	CITRONELLYL BUTYRATE	0,03
74	48,22	Trans-CARVEOL	0,02
75	48,89	p-CYMENE-8-OL	0,03
76	59,43	NEROLIDOL	0,03
77	66,15	THYMOL	0,03
78	72,96	SANDARACOPIMARADIENE	0,05
79	73,84	MANOYL OXIDE	0,04
80	87,60	Epi-MANOOL	0,07
		TOTAL	100,00

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