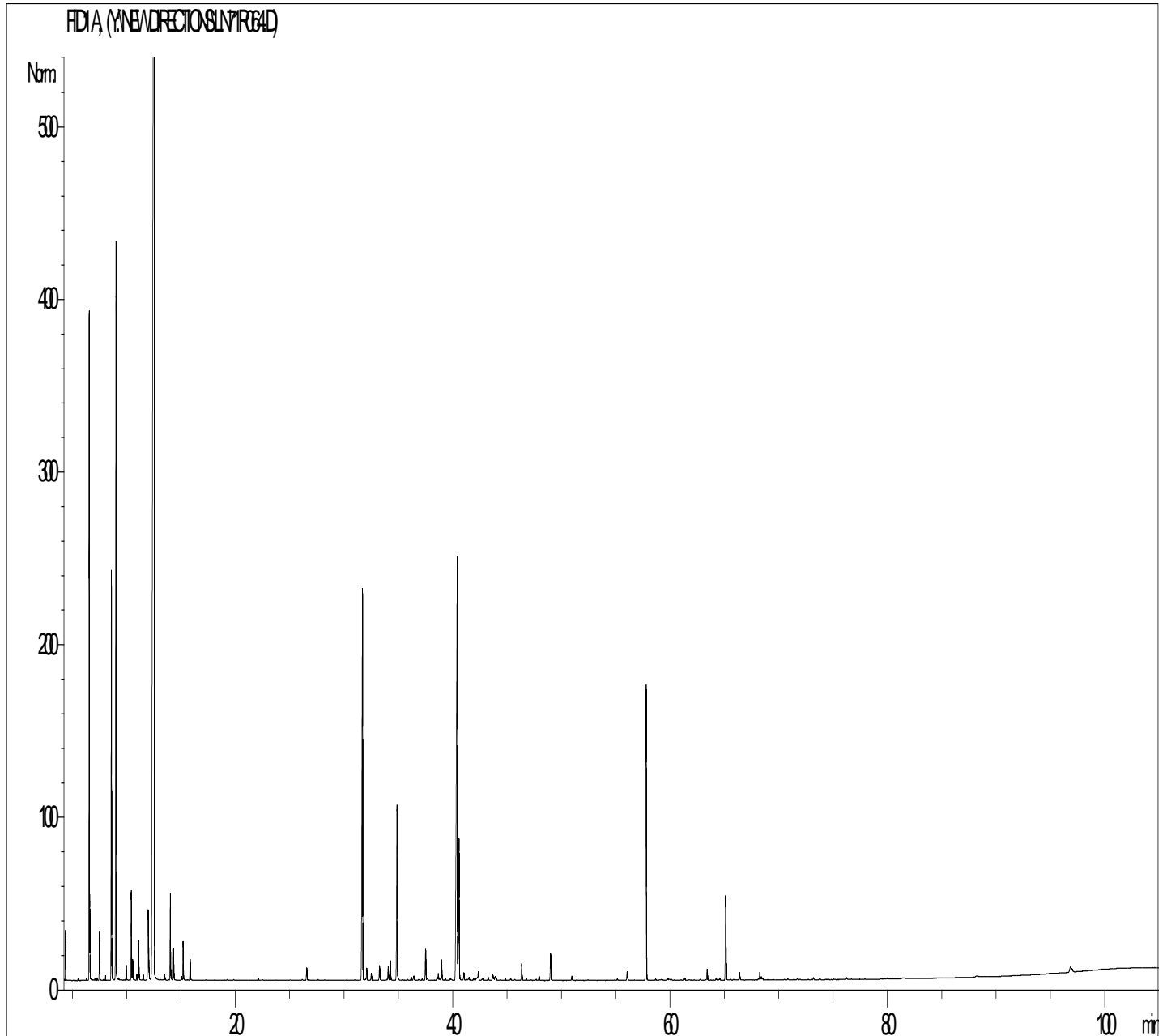




GCMS ANALYSIS

PRODUCT NAME: LAUREL LEAF ESSENTIAL OIL - 11076

DATE: May 25, 2018



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: LAUREL LEAF ESSENTIAL OIL - 11076

Peak	RT (min)	Compound name	%
1	4,4	ACETONE	0,28
2	5,4	1,3,5-HEXATRIENE-2-METHYL	0,01
3	5,5	ALIPHATIC ESTER	0,01
4	6,3	TRICYCLENE	0,02
5	6,5	alpha-PINENE	5,17
6	6,6	alpha-THUYENE	0,61
7	7,0	ETHYL 2-METHYLBUTYRATE	0,01
8	7,1	ALIPHATIC ESTER	0,01
9	7,2	alpha-FENCHENE	0,02
10	7,4	CAMPHENE	0,44
11	7,8	HEXANAL	0,01
12	8,0	BUTYL ISOBUTYRATE	0,04
13	8,6	beta-PINENE	4,07
14	9,0	SABINENE	7,64
15	9,3	PINADIENE	0,03
16	10,0	delta3-CARENE	0,16
17	10,4	beta-MYRCENE	0,94
18	10,5	alpha-PHELLANDRENE	0,26
19	10,6	psi-LIMONENE	0,02
20	10,9	ISOBUTYL 2-METHYLBUTYRATE	0,07
21	11,1	alpha-TERPINENE	0,48
22	11,5	1,8-CINEOLE, 2,3-DEHYDRO	0,07
23	12,0	LIMONENE	1,60
24	12,5	1,8-CINEOLE	42,40
25	13,3	ALIPHATIC ESTER	0,01
26	13,5	Cis-beta-OCIMENE	0,07
27	13,8	TERPENIC COMPOUND Mw=136	0,01
28	14,0	gamma-TERPINENE	0,98
29	14,3	Trans-beta-OCIMENE	0,36
30	15,0	m-CYMENE	0,04

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GCMS ANALYSIS (cont'd.)
PRODUCT NAME: LAUREL LEAF ESSENTIAL OIL - 11076

Peak	RT (min)	Compound name	%
31	15,2	p-CYMENE	0,48
32	15,8	TERPINOLENE	0,26
33	17,3	ALIPHATIC ESTER	0,01
34	18,9	5-HEPTEN-2-ONE-6-METHYL	0,01
35	19,2	2-OCTANONE	0,01
36	19,9	PENTYL HEXANOATE ISOMER	0,01
37	22,1	2-NONANONE	0,03
38	22,5	TRICYCLO UNDECANOL Mw=166	0,01
39	22,8	ALIPHATIC ESTER	0,01
40	25,0	LINALOOL Cis-OXIDE	0,02
41	26,1	alpha-CUBEBENE	0,02
42	26,6	Trans-THUYANOL	0,18
43	26,8	LINALOOL Trans-OXIDE	0,01
44	27,6	YLANGENE	0,01
45	28,2	alpha-COPAENE	0,02
46	30,2	SESQUITERPENE	0,02
47	30,9	beta1-CUBEBENE	0,02
48	31,7	Cis-THUYANOL	0,12
49	31,8	LINALOOL	6,48
50	32,0	2-DODECANONE	0,02
51	32,1	LINALYL ACETATE	0,15
52	32,5	Trans-p-MENTH-2-EN-1-OL	0,11
53	33,3	BORNYL ACETATE	0,22
54	33,4	SESQUITERPENE	0,01
55	33,5	FENCHOL	0,01
56	33,9	SESQUITERPENE	0,02
57	34,0	beta-ELEMENE	0,21
58	34,3	beta-CARYOPHYLLENE	0,32
59	34,4	SESQUITERPENE	0,01
60	34,8	TERPINENE-4-OL	2,65

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GCMS ANALYSIS (cont'd.)
PRODUCT NAME: LAUREL LEAF ESSENTIAL OIL - 11076

Peak	RT (min)	Compound name	%
61	35,0	2-UNDECANONE	0,02
62	35,8	6,9-GUAIADIENE	0,01
63	36,1	4-THUYEN-2-alpha-YL ACETATE	0,05
64	36,4	Cis-p-MENTH-2-EN-1-OL	0,09
65	36,8	SESQUITERPENE	0,03
66	37,1	ALLO-AROMADENDRENE	0,03
67	37,5	delta-TERPENYL ACETATE	0,50
68	37,6	Trans-PINOCARVEOL	0,05
69	38,5	alpha-HUMULENE	0,05
70	38,6	ESTRAGOL	0,12
71	38,8	SESQUITERPENE	0,03
72	38,9	delta-TERPINEOL	0,33
73	39,3	Cis-VERBENOL	0,04
74	39,7	NERAL	0,04
75	39,8	SESQUITERPENE	0,02
76	40,4	TERPENYL ACETATE	9,84
77	40,5	alpha-TERPINEOL	2,22
78	41,0	GERMACRENE D	0,10
79	41,5	beta-SELINENE	0,05
80	41,9	alpha-SELINENE	0,02
81	42,0	EXO-2-HYDROXYCINEOL ACETATE	0,02
82	42,1	alpha-MUUROLENE	0,03
83	42,2	NERYL ACETATE	0,05
84	42,3	BICYCLOGERMACRENE	0,11
85	42,4	GERANIAL	0,03
86	42,8	Trans-ISOPULEGONE	0,05
87	43,2	Trans-PIPERITOL	0,05
88	43,6	delta-CADINENE	0,09
89	43,8	gamma-CADINENE	0,05
90	43,9	GERANYL ACETATE	0,06

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GCMS ANALYSIS (cont'd.)
PRODUCT NAME: LAUREL LEAF ESSENTIAL OIL - 11076

Peak	RT (min)	Compound name	%
91	43,9	SESQUITERPENE	0,03
92	44,8	alpha-BISABOLENE	0,02
93	45,3	MENTHADIENOL ISOMER	0,03
94	45,7	MYRTENOL	0,03
95	46,3	NEROL	0,31
96	46,7	EUDESMATRIENE ISOMERE	0,02
97	47,9	COMPOUND Mw=138	0,06
98	49,0	GERANIOL	0,42
99	50,9	ALIPHATIC ESTER	0,06
100	55,1	SESQUITERPENIC EPOXIDE	0,03
101	56,0	CARYOPHYLLENE OXIDE	0,15
102	57,8	E-METHYLEUGENOL	4,87
103	58,6	SESQUITERPENIC EPOXIDE	0,02
104	59,2	3-PHENYLPROPANOL	0,02
105	59,6	GERMACRA-1,5-DIEN-4-OL	0,01
106	59,8	LEVOJUNEOL	0,04
107	59,9	CUBENOL	0,03
108	61,2	ELEMOL	0,03
109	61,3	VIRIDIFLOROL	0,03
110	62,7	SESQUITERPENIC EPOXIDE	0,02
111	63,4	SPATHULENOL	0,18
112	64,2	SESQUITERPENOL	0,03
113	64,5	CINNAMYL ACETATE	0,03
114	65,1	EUGENOL	1,37
115	66,4	METHYLISOEUGENOL	0,13
116	68,1	alpha-EUDESMOL	0,02
117	68,2	ELEMICINE	0,12
118	68,4	beta-EUDESMOL	0,05
119	68,5	alpha-CADINOL	0,04
120	70,8	PHENOLIC COMPOUND	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAUREL LEAF ESSENTIAL OIL - 11076

Peak	RT (min)	Compound name	%
121	73,2	CHAVICOL	0,03
122	73,7	ISOEUGENOL	0,03
123	76,3	Trans-ELEMICINE	0,03
124	79,9	13-HEXYLOXACYCLOTRIDEC-10-EN-2-ONE	0,03
125	88,2	AROMATIC COMPOUND	0,16
		TOTAL	99,99

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