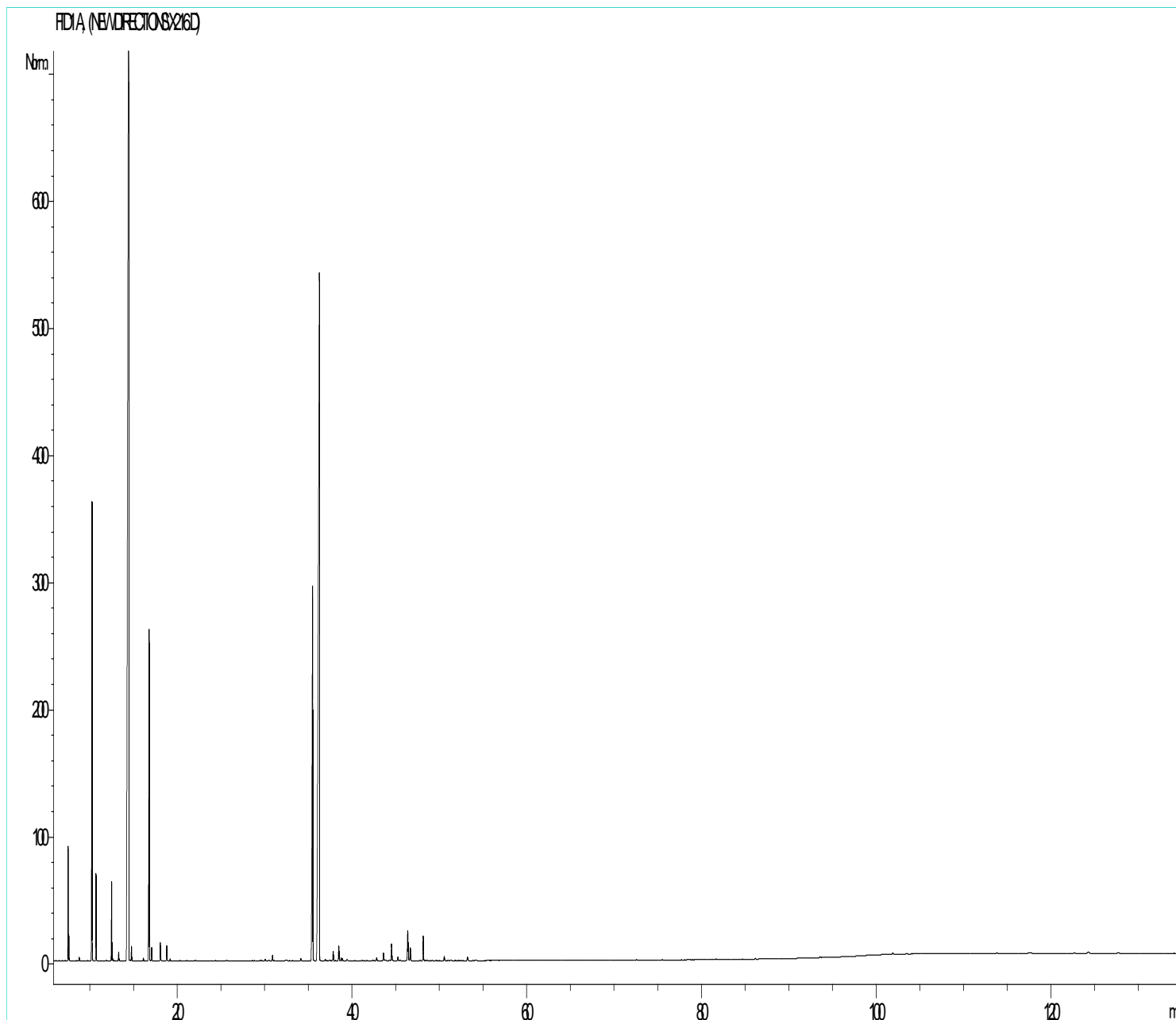


GCMS ANALYSIS

PRODUCT NAME: BERGAMOT ORGANIC ESSENTIAL OIL - 50042

DATE: May 8, 2019



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: BERGAMOT ORGANIC ESSENTIAL OIL - 50042

Peak	RT (min)	Compound	%
1	7,5	alpha-PINENE	1,07
2	7,6	alpha-THUYENE	0,24
3	8,8	CAMPHENE	0,04
4	10,2	beta-PINENE	6,29
5	10,7	SABINENE	1,03
6	11,9	delta-3-CARENE	0,01
7	12,5	beta-MYRCENE	1,06
8	12,6	alpha-PHELLANDRENE	0,03
9	13,3	alpha-TERPINENE	0,13
10	14,4	LIMONENE	43,24
11	14,7	beta-PHELLANDRENE + 1,8-CINEOLE	0,20
12	16,1	Cis-beta-OCIMENE	0,04
13	16,8	gamma-TERPINENE	6,25
14	17,1	Trans-beta-OCIMENE	0,19
15	18,1	p-CYMENE	0,27
16	18,2	ACETATE D'HEXYLE	0,01
17	18,8	TERPINOLENE	0,24
18	19,2	OCTANAL	0,03
19	20,2	4,8-DIMETHYL-1,3,7-NONATRENE	0,01
20	21,1	PINOL	0,01
21	22,1	6-METHYL-5-HEPTEN-2-ONE	0,01
22	25,7	NONANAL	0,01
23	28,6	LINALOOL cis-OXIDE	0,01
24	28,8	LIMONENE cis-EPOXIDE	0,01
25	29,5	LIMONENE Trans-EPOXIDE	0,01
26	29,7	ACETIC ACID	0,01
27	30,1	Trans-THUYANOL	0,02
28	30,2	LINALOOL trans-OXIDE	0,01
29	30,5	delta-ELEMENE	0,01
30	30,9	OCTYL ACETATE	0,10

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT ORGANIC ESSENTIAL OIL - 50042

Peak	RT (min)	Compound	%
31	31,1	CITRONELLAL	0,01
32	32,4	DECANAL	0,02
33	34,2	E-SOLANONE	0,03
34	35,5	LINALOOL	9,54
35	36,3	LINALYL ACETATE	26,76
36	36,9	alpha-cis-BERGAMOTENE	0,01
37	36,9	TERPENIC ALCOHOL Mw=152	0,01
38	37,4	BORNYL ACETATE	0,01
39	37,5	NONYL ACETATE	0,01
40	37,9	alpha-trans-BERGAMOTENE	0,18
41	38,5	beta-CARYOPHYLLENE	0,28
42	38,8	TERPINENE-4-OL	0,04
43	38,9	TERPENIC ALCOHOL Mw=152	0,03
44	39,4	LINALYL PROPIONATE	0,02
45	39,5	SESQUITERPENE	0,01
46	41,1	beta-SANTALENE	0,01
47	42,7	alpha-HUMULENE	0,03
48	42,8	E-beta-FARNESENE	0,03
49	43,6	NERAL	0,15
50	43,8	Z-beta-FARNESENE	0,01
51	44,3	Gamma-CURCUMENE	0,01
52	44,4	TERPENYL ACETATE	0,15
53	44,5	alpha-TERPINEOL	0,22
54	45,2	GERMACRENE D	0,07
55	45,5	GERANYL FORMIATE	0,01
56	46,4	NERYL ACETATE	0,45
57	46,5	beta-BISABOLENE	0,30
58	46,7	GERANIAL	0,25
59	48,1	GERANYL ACETATE	0,45
60	50,5	NEROL	0,05

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT ORGANIC ESSENTIAL OIL - 50042

Peak	RT (min)	Compound	%
61	53,2	GERANIOL	0,07
62	63,7	NEROLIDOL	0,01
63	72,5	alpha-BISABOLOL	0,01
64	86,1	NOOTKATONE	0,02
65	93,5	PALMITIC ACID	0,02
66	101,9	LIMETTIN	0,05
67	124,3	BERGAPTEN	0,07
		TOTAL	99,99

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