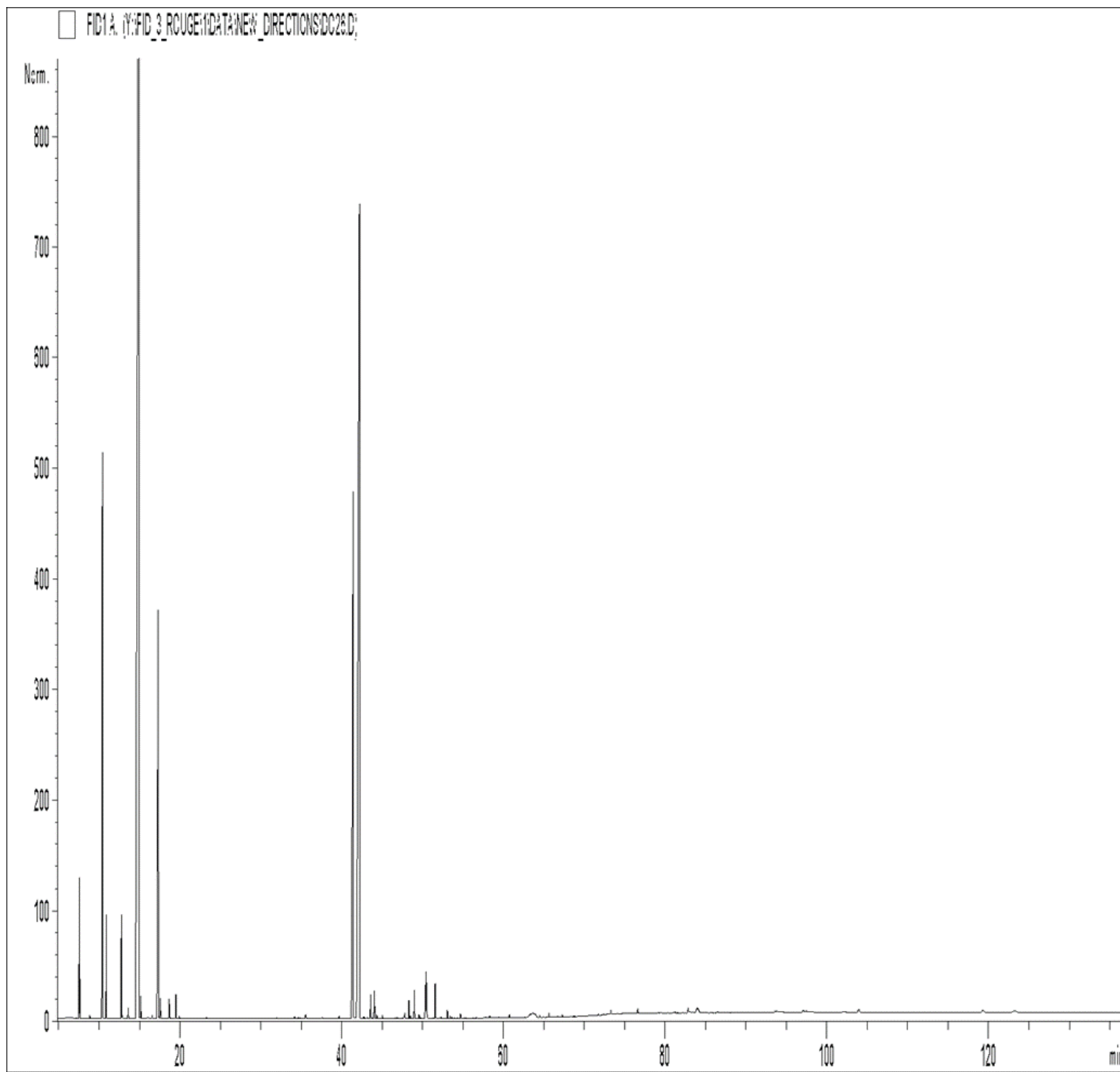


GCMS ANALYSIS

PRODUCT NAME: BERGAMOT ORGANIC ESSENTIAL OIL - 50042

DATE: January 12, 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: BERGAMOT ORGANIC ESSENTIAL OIL - 50042

Peak	RT (min)	Compound	%
1	7,54	alpha-PINENE	0,99
2	7,62	alpha-THUYENE	0,26
3	8,85	CAMPHENE	0,03
4	10,41	beta-PINENE	6,44
5	10,88	SABINENE	0,89
6	12,76	beta-MYRCENE	1,07
7	12,87	alpha-PHELLANDRENE	0,03
8	13,59	alpha-TERPINENE	0,14
9	14,89	LIMONENE	42,60
10	15,10	1,8-CINEOLE	0,05
11	15,15	beta-PHELLANDRENE	0,15
12	16,56	Cis-beta-OCIMENE	0,03
13	17,31	gamma-TERPINENE	6,87
14	17,57	Trans-beta-OCIMENE	0,20
15	18,66	p-CYMENE	0,21
16	19,49	TERPINOLENE	0,28
17	19,91	OCTANAL	0,02
18	23,29	6-METHYL-5-HEPTEN-2-ONE	0,01
19	27,93	NONANAL	0,01
20	31,95	LINALOOL cis-OXIDE	0,01
21	33,15	ACETIC ACID	0,01
22	34,19	Trans-THUYANOL	0,03
23	34,62	LINALOOL trans-OXIDE	0,02
24	34,85	delta-ELEMENE	0,01
25	35,57	OCTYL ACETATE	0,08
26	37,56	DECANAL	0,04
27	38,12	CAMPHOR	0,01
28	39,69	E-SOLANONE	0,04
29	41,03	cis-THUYANOL	0,01
30	41,43	LINALOOL	10,68

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT ORGANIC ESSENTIAL OIL - 50042

Peak	RT (min)	Compound	%
31	42,20	LINALYL ACETATE	24,80
32	42,71	alpha-cis-BERGAMOTENE	0,03
33	43,14	BORNYL ACETATE	0,01
34	43,25	NONYL ACETATE	0,01
35	43,59	alpha-trans-BERGAMOTENE	0,27
36	43,78	beta-ELEMENE	0,01
37	44,06	beta-CARYOPHYLLENE	0,31
38	44,34	TERPINENE-4-OL	0,05
39	45,05	LINALYL PROPIONATE	0,03
40	46,89	beta-SANTALENE	0,01
41	47,57	CITRONELLYL ACETATE	0,01
42	47,74	alpha-HUMULENE	0,03
43	47,84	E-beta-FARNESENE	0,05
44	48,32	NERAL	0,18
45	48,50	Z-beta-FARNESENE	0,03
46	49,00	TERPENYL ACETATE	0,13
47	49,10	alpha-TERPINEOL	0,15
48	49,58	GERMACRENE D	0,04
49	50,35	NERYL ACETATE	0,31
50	50,46	beta-BISABOLENE	0,47
51	50,54	GERANIAL	0,33
52	50,62	BICYCLOGERMACRENE	0,01
53	51,35	delta-CADINENE	0,01
54	51,57	GERANYL ACETATE	0,31
55	52,30	alpha-BISABOLENE	0,01
56	53,08	NEROL	0,07
57	53,41	cis-EPOXYLINALYL ACETATE	0,02
58	53,62	trans-EPOXYLINALYL ACETATE	0,02
59	54,72	GERANIOL	0,04
60	56,74	MENTHADIENOL ISOMER	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT ORGANIC ESSENTIAL OIL - 50042

Peak	RT (min)	Compound	%
61	57,82	HEXENYLIC ESTER	0,01
62	58,32	HEXENYLIC ESTER	0,02
63	59,46	SESQUITERPENOL	0,01
64	60,77	NEROLIDOL	0,03
65	62,66	DITERPENE Mw=272	0,01
66	64,50	CAMPHERENOL	0,02
67	65,68	alpha-BISABOLOL	0,03
68	67,31	DIMETHYL METHYLPENTENYL NORBORNANOL	0,02
69	71,76	LAURIC ACID	0,01
70	73,32	NOOTKATONE	0,04
71	74,11	PHYTOL	0,01
72	76,62	MYRISTIC ACID	0,05
73	82,85	PALMITIC ACID	0,12
74	84,02	AROMATIC COMPOUND Mw=216	0,23
75	86,48	EQUILENIN Mw=266	0,02
76	103,95	LIMETTIN	0,11
77	119,32	BERGAPTEN	0,12
78	123,24	ISOPIMPINELLIN Mw=246	0,14
		TOTAL	99,98

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