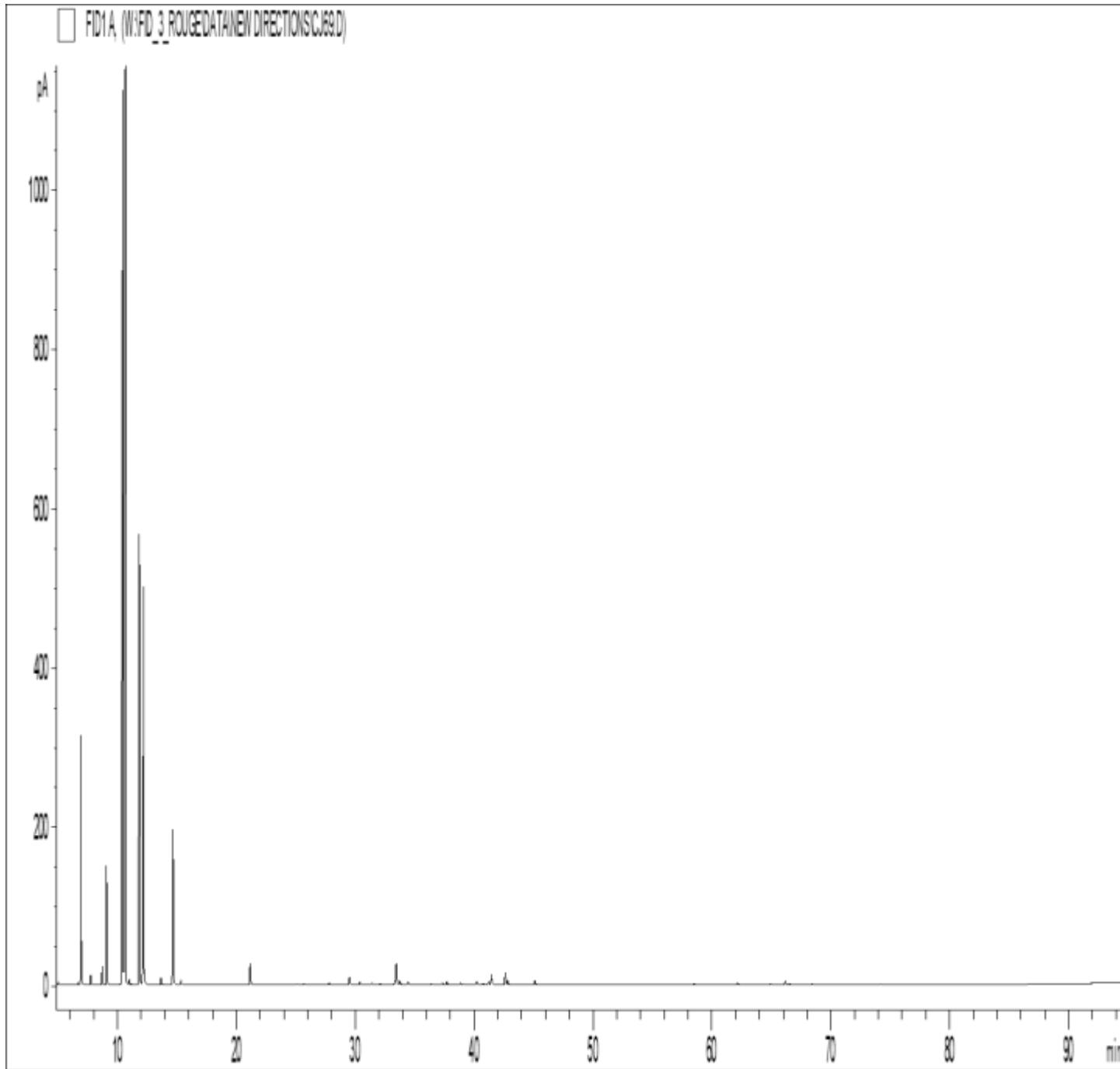




GCMS ANALYSIS

PRODUCT NAME: PINK PEPPERCORN ESSENTIAL OIL - 11335

DATE: September 14, 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: PINK PEPPERCORN ESSENTIAL OIL - 11335

Peak	RT (min)	Compound	%
1	6,69	TRICYCLENE	0,03
2	6,93	alpha-PINENE	3,40
3	6,96	alpha-THUYENE	0,41
4	7,22	TOLUENE	0,03
5	7,73	CAMPHENENE	0,19
6	8,71	beta-PINENE	0,37
7	9,07	SABINENE	2,21
8	9,99	delta3-CARENE	0,02
9	10,46	beta-MYRCENE	31,65
10	10,66	alpha-PHELLANDRENE	31,25
11	10,70	psi-LIMONENE	0,17
12	11,01	alpha- TERPINENE	0,17
13	11,20	2-HEPTANONE	0,04
14	11,55	ISOAMYL PROPIONATE	0,02
15	11,84	LIMONENE	11,02
16	12,21	beta-PHELLANDRENE	9,69
17	13,01	ETHYL CAPROATE	0,02
18	13,67	gamma-TERPINENE	0,18
19	13,94	trans-beta-OCIMENE	0,02
20	14,56	m-CYMENE	0,01
21	14,68	p-CYMENE	3,65
22	15,36	TERPINOLENE	0,14
23	18,42	METHYLIC ESTER	0,02
24	21,15	METHYL CAPRYLATE	0,55
25	22,49	PERILLENE	0,03
26	25,12	METHYL CAPRATE	0,05
27	25,51	alpha-CUBEBENE	0,03
28	25,71	trans-THUYANOL	0,07
29	26,72	delta-ELEMENE	0,02
30	27,80	alpha-COPAENE	0,07

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: PINK PEPPERCORN ESSENTIAL OIL - 11335

Peak	RT (min)	Compound	%
31	29,51	alpha-GURJUNENE	0,26
32	30,13	cis-p-MENTH-3-EN-7-AL	0,03
33	30,37	beta1-CUBEBENE	0,10
34	30,51	trans-p-MENTH-3-EN-7-AL	0,02
35	31,33	cis-THUYANOL	0,02
36	31,43	LINALOOL	0,05
37	32,05	trans-p-MENTH-2-EN-1-OL	0,02
38	32,07	METHYL CITRONELLATE	0,03
39	32,73	BORNYL ACETATE	0,02
40	33,33	beta-ELEMENE	0,09
41	33,45	beta-CARYOPHYLLENE	0,78
42	33,74	TERPINENE-4-OL	0,18
43	34,44	AROMADENDRENE	0,11
44	35,04	SESQUITERPENE	0,02
45	35,06	cis-p-MENTH-2-EN-1-OL	0,02
46	35,18	CADINA-3,5-DIENE	0,02
47	35,79	GERMACRENE A	0,01
48	36,43	ALLO-AROMADENDRENE	0,07
49	37,29	ZONARENE	0,01
50	37,35	CITRONELLYL ACETATE	0,06
51	37,70	alpha-HUMULENE	0,14
52	38,07	CARVOTANACETONE	0,03
53	38,84	gamma-MUROLENE	0,08
54	39,15	CALARENE	0,03
55	39,38	LEDENE	0,01
56	39,48	alpha-TERPINEOL	0,02
57	39,61	METHYL GERANATE	0,04
58	40,20	GERMACRENE D	0,13
59	40,40	MUUROLADIENE ISOMER	0,01
60	40,67	beta-SELINENE	0,05

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GCMS ANALYSIS (*cont'd.*)

PRODUCT NAME: PINK PEPPERCORN ESSENTIAL OIL - 11335

Peak	RT (min)	Compound	%
61	40,87	alpha-SELINENE	0,05
62	41,19	alpha-MUROLENE	0,11
63	41,45	BICYCLOGERMACRENE	0,37
64	41,80	NERYL ACETATE	0,02
65	42,62	delta-CADINENE	0,40
66	42,82	gamma-CADINENE	0,17
67	43,10	GERANYL ACETATE	0,03
68	44,48	CADINA-1,4-DIENE	0,02
69	44,90	alpha-AMORPHENE	0,01
70	44,90	NEROL	0,01
71	45,11	trans-SABINOL	0,15
72	46,08	CITRONELLYL BUTYRATE	0,02
73	46,21	AROMATIC COMPOUND Mw=126	0,01
74	46,34	GERANYL PROPIONATE	0,01
75	47,49	GERANIOL	0,01
76	48,55	GERANYL ISOBUTYRATE	0,02
77	50,37	SABINOL ISOMER	0,01
78	50,40	GERANYL BUTYRATE	0,02
79	52,37	PALUSTROL	0,01
80	58,45	GERMACRENE D-4-OL	0,03
81	58,50	CAPRYLIC ACID	0,03
82	60,11	VIRIDIFLOROL	0,01
83	62,16	SPATHULENOL	0,07
84	64,96	2-ACETYL CYCLOPENTANONE	0,04
85	65,02	alpha-MUROLOL	0,02
86	65,68	CARVACROL	0,01
87	66,18	GERANYL GERANIADIENE	0,11
88	66,52	SESQUITERPENOL	0,03
89	66,84	alpha-NOOTKATOL	0,02
90	67,09	alpha-CADINOL	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: PINK PEPPERCORN ESSENTIAL OIL - 11335

Peak	RT (min)	Compound	%
91	68,44	GERANYLGERANIADIENE ISOMER	0,04
92	71,22	ALIPHATIC ALCOHOL	0,02
93	73,56	COMPOUND Mw=168	0,01
94	74,22	AROMATIC COMPOUND	0,03
95	76,55	COMPOUND Mw=168	0,01
		TOTAL	99,94

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