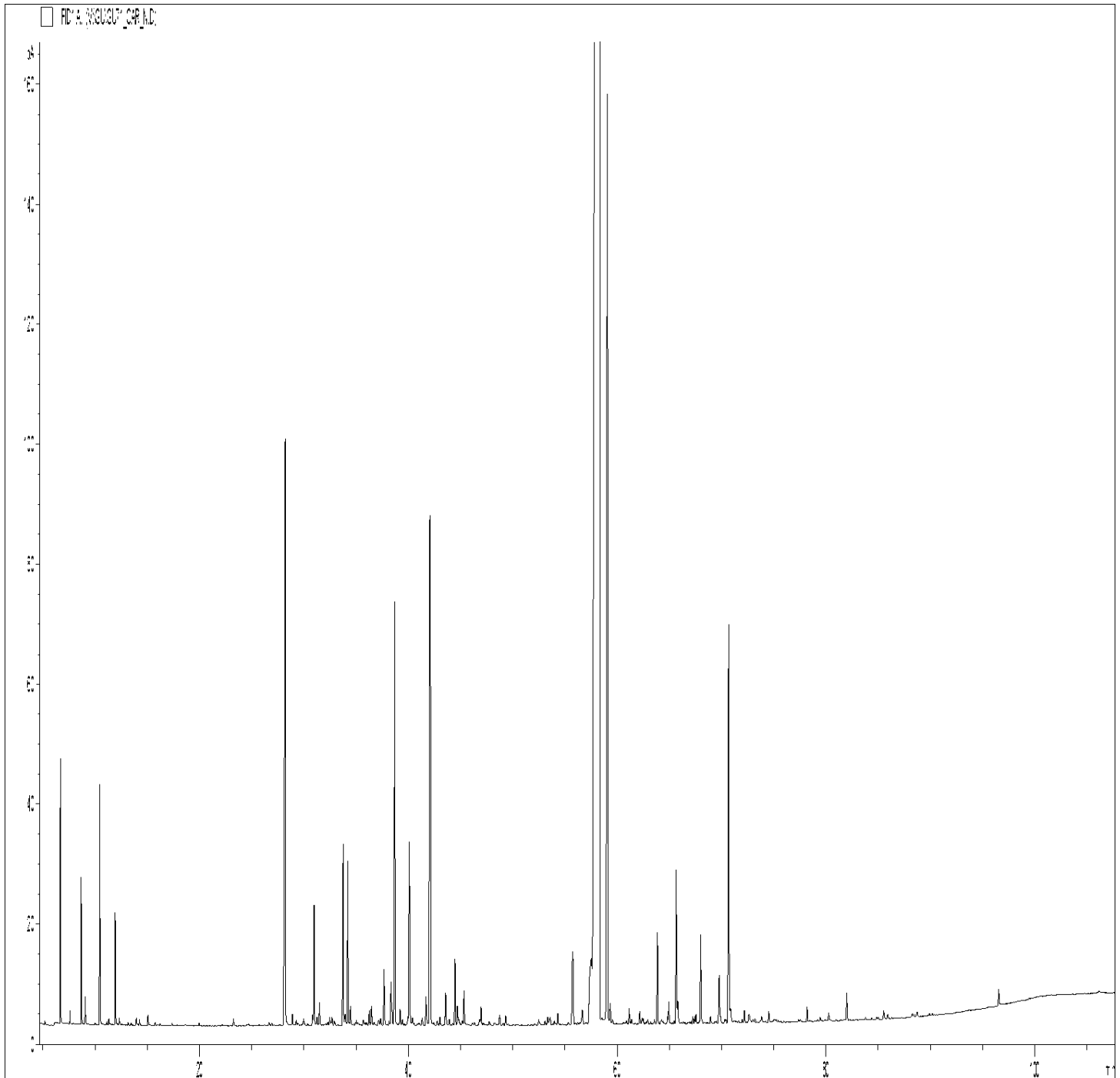


GCMS ANALYSIS

PRODUCT NAME: CARROT SEED ESSENTIAL OIL (STEAM DISTILLED) – 11021

DATE: March 9, 2022



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: CARROT SEED ESSENTIAL OIL (STEAM DISTILLED) – 11021

Peak	RT (min)	Compound name	%
1	4,51	ACETONE	0,03
2	5,20	ISOVALERALDEHYDE	0,01
3	6,68	alpha-PINENE	0,41
4	6,70	alpha-THUYENE	0,05
5	7,60	CAMPHENE	0,03
6	8,67	beta-PINENE	0,31
7	9,05	SABINENE	0,06
8	9,12	PINADIENE	0,01
9	10,45	beta-MYRCENE	0,53
10	11,12	alpha-TERPINENE	0,01
11	11,32	HEPTANAL	0,02
12	11,93	LIMONENE	0,30
13	12,32	beta-PHELLANDRENE	0,02
14	13,17	FURAN, 2-PENTYL-	0,01
15	13,96	gamma-TERPINENE	0,02
16	14,25	trans-beta-OCIMENE	0,02
17	15,07	p-CYMENE	0,03
18	15,75	TERPINOLENE	0,01
19	19,94	ALIPHATIC ESTER	0,01
20	23,24	PERILLENE	0,02
21	26,65	alpha-LONGIPINENE	0,01
22	28,19	DAUCENE	2,62
23	28,88	AROMATIC COMPOUND Mw=202	0,04
24	29,25	YLANGENE	0,03
25	29,96	SESQUITERPENE	0,03
26	30,82	2-NONENAL	0,04
27	30,97	COMPOUND Mw=222	0,40
28	31,23	LINALOOL	0,03
29	31,48	COMPOUND Mw=220	0,08
30	32,45	LONGIFOLENE	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CARROT SEED ESSENTIAL OIL (STEAM DISTILLED) – 11021

Peak	RT (min)	Compound name	%
31	32,68	alpha-cis-BERGAMOTENE	0,03
32	32,89	TERPENIC OXIDE	0,03
33	33,74	alpha-trans-BERGAMOTENE	0,61
34	33,90	COMPOUND Mw=222	0,03
35	33,94	SESQUITERPENE	0,03
36	34,18	beta-CARYOPHYLLENE	0,59
37	34,44	TERPINENE-4-OL	0,07
38	35,02	SESQUITERPENE	0,02
39	35,69	MYRTENAL	0,03
40	35,86	TERPENIC OXIDE	0,01
41	36,01	CADINA-3,5-DIENE	0,01
42	36,25	AROMATIC COMPOUND	0,05
43	36,45	epi-beta-SANTALENE	0,08
44	36,69	trans-PINOCARVEOL	0,01
45	37,16	FARNESENE ISOMER	0,04
46	37,35	beta-SANTALENE	0,03
47	37,66	SESQUITERPENE	0,21
48	38,13	AROMATIC COMPOUND	0,02
49	38,33	SESQUITERPENE	0,16
50	38,38	alpha-HUMULENE	0,07
51	38,70	E-beta-FARNESENE	1,60
52	39,19	SESQUITERPENE Mw=202	0,07
53	39,42	Z-beta-FARNESENE	0,03
54	39,95	TERPENYL ACETATE	0,03
55	40,08	CALARENE	0,73
56	40,40	SESQUITERPENE Mw=202	0,04
57	41,34	beta-SELINENE	0,04
58	41,70	alpha-ZINGIBERENE	0,12
59	42,07	beta-BISABOLENE	1,64
60	42,10	CHAMIGRENE ISOMER	1,18

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CARROT SEED ESSENTIAL OIL (STEAM DISTILLED) – 11021

Peak	RT (min)	Compound name	%
61	42,77	beta-CURCUMENE	0,03
62	43,03	COMPOUND Mw=234	0,04
63	43,58	CHAMIGRENE ISOMER	0,17
64	43,93	AROMATIC COMPOUND	0,03
65	44,47	beta-SESQUIPELLANDRENE	0,27
66	44,70	alpha-BISABOLENE	0,08
67	44,85	COMPOUND Mw=200	0,03
68	45,19	MYRTENOL	0,02
69	45,35	AROMATIC COMPOUND	0,13
70	46,84	beta-DAMASCENONE	0,04
71	46,97	BENZENE, DIMETHYL-4-HEXENYL-4-METHYL	0,08
72	47,75	trans-CARVEOL	0,02
73	48,75	CALAMENENE	0,05
74	49,33	AROMATIC COMPOUND Mw=220	0,04
75	52,49	HUMULENE EPOXIDE	0,04
76	53,09	alpha-CALACORENE	0,02
77	53,35	DENDROLASIN	0,04
78	53,59	MENTHATRIENIC COMPOUND	0,06
79	53,99	HEPTANOIC ACID	0,02
80	54,32	ALIPHATIC ESTER	0,04
81	55,75	CARYOPHYLLENE OXIDE	0,43
82	56,67	DEHYDRO-beta-IONONE	0,08
83	57,53	15-COPAENOL	0,78
84	58,33	CAROTOL	75,57
85	58,53	NEROLIDOL	0,07
86	59,08	CEDRENE OXIDE	4,24
87	59,35	epoxy-6,7-HUMULENE	0,10
88	59,55	AROMATIC COMPOUND	0,03
89	61,15	SESQUITERPENOL	0,06
90	61,40	AROMATIC COMPOUND	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CARROT SEED ESSENTIAL OIL (STEAM DISTILLED) – 11021

Peak	RT (min)	Compound name	%
91	62,16	SESQUITERPENONE Mw=218	0,06
92	62,40	SESQUITERPENOL	0,03
93	62,51	AROMATIC COMPOUND	0,03
94	62,96	SESQUITERPENOL	0,04
95	63,57	AROMATIC COMPOUND	0,02
96	63,80	LACTONE COMPOUND	0,05
97	63,86	ETHANOL, 2-PHENOXY-	0,25
98	63,90	PENTADECANONE, TRIMETHYL-	0,07
99	64,83	SESQUITERPENIC EPOXIDE	0,03
100	64,95	AROMATIC COMPOUND	0,08
101	65,66	METHYLISOEUGENOL	0,59
102	65,81	4-VINYLGUAIACOL	0,11
103	67,25	DITERPENE Mw=272	0,03
104	67,43	epi-alpha-BISABOLOL	0,02
105	67,56	alpha-BISABOLOL	0,03
106	68,01	beta-EUDESOL	0,36
107	68,95	SESQUITERPENONE Mw=218	0,03
108	69,77	COMPOUND Mw=206	0,22
109	69,86	SESQUITERPENONE Mw=218	0,03
110	70,31	AROMATIC COMPOUND	0,02
111	70,44	SESQUITERPENIC EPOXIDE	0,02
112	70,69	DAUCOL	1,71
113	70,86	PHENOLIC COMPOUND	0,08
114	72,20	COMPOUND Mw=220	0,06
115	72,67	SESQUITERPENONE Mw=218	0,06
116	73,84	FARNESOL	0,04
117	74,51	AROMATIC COMPOUND	0,05
118	78,18	beta-ASARONE	0,05
119	79,43	LAURIC ACID	0,02
120	80,25	KETONIC COMPOUND	0,03

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: CARROT SEED ESSENTIAL OIL (STEAM DISTILLED) – 11021

Peak	RT (min)	Compound name	%
121	81,98	SESQUITERPENIC COMPOUND Mw=236	0,11
122	85,52	PHYTOL	0,04
123	88,27	AROMATIC COMPOUND	0,01
124	88,72	MYRISTIC ACID	0,03
125	96,53	PALMITIC ACID	0,07
		TOTAL	99,93

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