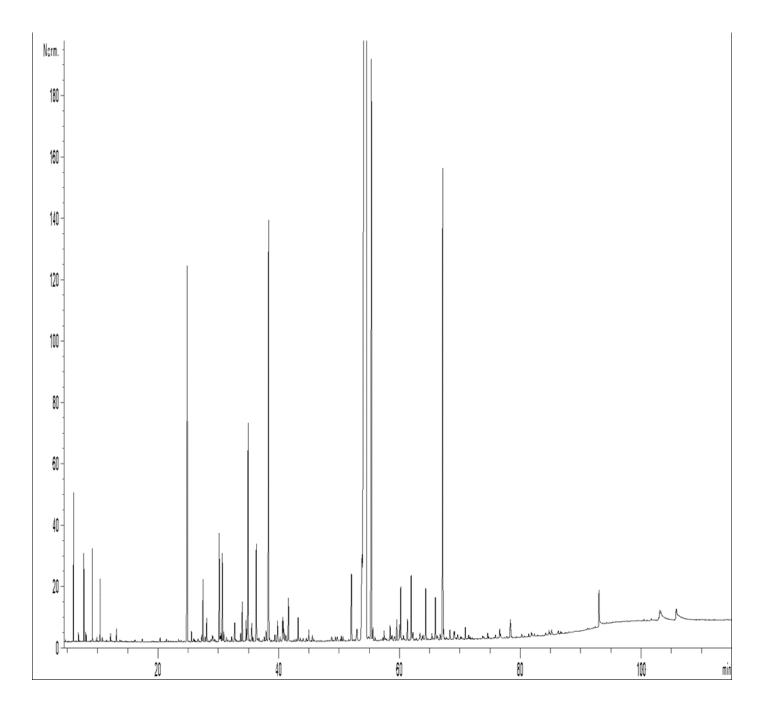


GCMS ANALYSIS

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

DATE: May 07, 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.



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

Peak	RT (min)	Compound name	%
1	6,03	alpha-PINENE	0,31
2	6,83	CAMPHENE	0,02
3	7,75	beta-PINENE	0,23
4	8,05	SABINENE	0,03
5	8,13	PINADIENE	0,02
6	9,14	beta-MYRCENE	0,26
7	9,76	alpha-TERPINENE	0,01
8	9,89	HEPTANAL	0,01
9	10,42	LIMONENE	0,20
10	10,78	beta-PHELLANDRENE	0,02
11	11,45	FURAN, 2-PENTYL-	0,01
12	12,14	gamma-TERPINENE	0,03
13	12,32	trans-beta-OCIMENE	0,01
14	13,12	p-CYMENE	0,05
15	13,68	TERPINOLENE	0,01
16	17,40	OXYGENED COMPOUND Mw=194	0,01
17	20,35	PERILLENE	0,02
18	21,42	alpha-p-DIMETHYLSTYRENE	0,01
19	23,41	AROMATIC COMPOUND Mw=174	0,02
20	24,84	DAUCENE	2,37
21	25,54	AROMATIC COMPOUND Mw=202	0,05
22	25,90	alpha-COPAENE	0,02
23	26,63	CYPERENE	0,03
24	27,24	2-NONENAL	0,04
25	27,46	COMPOUND Mw=222	0,32
26	27,81	LINALOOL	0,03
27	28,06	COMPOUND Mw=220	0,13
28	28,82	SESQUITERPENE	0,02
29	29,00	LONGIFOLENE	0,05
30	29,12	alpha-cis-BERGAMOTENE	0,03

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

Peak	RT (min)	Compound name	%
31	29,38	BORNYL ACETATE	0,02
32	30,13	alpha-trans-BERGAMOTENE	0,57
33	30,30	COMPOUND Mw=222	0,04
34	30,43	SESQUITERPENE	0,06
35	30,66	beta-CARYOPHYLLENE	0,50
36	30,88	TERPINENE-4-OL	0,07
37	31,32	SESQUITERPENE	0,03
38	31,55	MYRTENAL	0,01
39	32,19	SESQUITERPENE	0,03
40	32,31	GERMACRENE A	0,02
41	32,70	AROMATIC COMPOUND	0,15
42	32,86	trans-PINOCARVEOL	0,02
43	33,71	beta-SANTALENE	0,04
44	33,95	SESQUITERPENE	0,23
45	34,58	cis-4,5-MUUROLADIENE	0,12
46	34,78	alpha-HUMULENE	0,05
47	34,92	E-beta-FARNESENE	1,22
48	35,18	Z-beta-FARNESENE	0,01
49	35,53	SESQUITERPENE Mw=202	0,11
50	35,72	gamma-MUUROLENE	0,02
51	36,27	CALARENE	0,59
52	36,42	SESQUITERPENE Mw=202	0,03
53	36,71	SESQUITERPENE Mw=202	0,03
54	37,60	SESQUITERPENE Mw=202	0,03
55	37,91	beta-SELINENE	0,08
56	38,00	alpha-SELINENE	0,04
57	38,31	BYCLOGERMACRENE	0,82
58	38,31	beta-BISABOLENE	1,70
59	38,48	beta-CURCUMENE	0,02
60	39,36	COMPOUND Mw=234	0,04

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

Peak	RT (min)	Compound name	%
61	39,78	CHAMIGRENE ISOMER	0,13
62	40,23	AROMATIC COMPOUND	0,03
63	40,65	alpha-CURCUMENE	0,14
64	40,76	beta-SESQUIPHELLANDRENE	0,11
65	40,89	alpha-BISABOLENE	0,05
66	41,14	MYRTENOL	0,05
67	41,60	AROMATIC COMPOUND	0,27
68	42,67	AROMATIC COMPOUND	0,01
69	43,20	BENZENE, DIMETHYL-4-HEXENYL-4-METHYL	0,16
70	43,55	beta-DAMASCENONE	0,03
71	44,04	trans-ANETHOL	0,02
72	44,58	trans-CARVEOL	0,02
73	44,98	CALAMENENE	0,08
74	45,58	AROMATIC COMPOUND Mw=220	0,02
75	48,75	HUMULENE EPOXIDE	0,05
76	49,37	alpha-CALACORENE	0,03
77	49,66	DENDROLASIN	0,05
78	50,36	HEPTANOIC ACID	0,03
79	50,63	ALIPHATIC ESTER	0,04
80	52,02	CARYOPHYLLENE OXIDE	0,60
81	52,87	DEHYDRO-beta-IONONE	0,04
82	52,95	AROMATIC COMPOUND	0,10
83	53,79	15-COPAENOL	1,15
84	54,55	CAROTOL	74,00
85	55,34	CEDRENE OXIDE	4,06
86	55,60	epoxy-6,7-HUMULENE	0,08
87	55,94	NEROLIDOL	0,02
88	57,23	AROMATIC COMPOUND	0,02
89	57,43	CUBENOL	0,05
90	58,42	SESQUITERPENONE Mw=218	0,09

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Peak	RT (min)	Compound name	%
91	58,76	AROMATIC COMPOUND	0,03
92	59,22	SESQUITERPENIC EPOXIDE	0,05
93	59,54	ETHANOL, 2-PHENOXY	0,13
94	59,99	PENTADECANONE, TRIMETHYL-	0,09
95	60,18	FURANONE COMPOUND	0,35
96	60,62	COMPOUND Mw=220	0,04
97	61,28	AROMATIC COMPOUND	0,08
98	61,31	SESQUITERPENOL	0,09
99	61,92	METHYLISOEUGENOL	0,37
100	62,21	4-VINYL QUAJACOL	0,08
101	63,38	DITERPENE Mw=272	0,07
102	63,77	epi-alpha-BISABOLOL	0,02
103	63,90	alpha-BISABOLOL	0,02
104	64,33	beta-EUDESMOL	0,32
105	65,35	ALIPHATIC ESTER	0,04
106	65,92	AROMATIC COMPOUND	0,26
107	66,73	SESQUITERPENIC EPOXIDE	0,04
108	67,15	DAUCOL	3,17
109	67,30	PHENOLIC COMPOUND	0,07
110	68,34	SESQUITERPENONE Mw=218	0,10
111	68,98	SESQUITERPENONE Mw=218	0,04
112	69,08	SESQUITERPENOL	0,06
113	69,59	AROMATIC COMPOUND	0,05
114	70,89	SESQUITERPENIC EPOXIDE	0,08
115	71,44	ALIPHATIC ALCOHOL	0,03
116	73,74	SESQUITERPENIC EPOXIDE	0,02
117	74,58	beta-ASARONE	0,03
118	75,88	LAURIC ACID	0,02
119	76,58	CETONIC COMPOUND	0,09
120	78,33	SESQUITERPENIC COMPOUND Mw=236	0,18

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Peak	RT (min)	Compound name	%
121	80,22	AROMATIC COMPOUND	0,02
122	81,82	PHYTOL	0,05
123	85,19	AROMATIC COMPOUND	0,05
124	86,26	MYRISTIC ACID	0,02
125	93,03	PALMITIC ACID	0,36
126	103,08	OLEIC ACID	0,42
127	105,81	LINOLEIC ACID	0,40
		TOTAL	99,94

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