

Client



Source



Carrot Seed (*Daucus carota*)
FR-59315

Sample

Carrot Seed (*Daucus carota*)
Batch #:..... FR-59315
Type:..... Essential Oil
CAS Number:... 8015-88-1
Nature's Gift

Client



Website

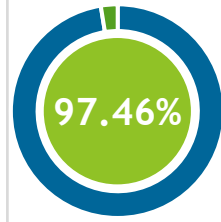
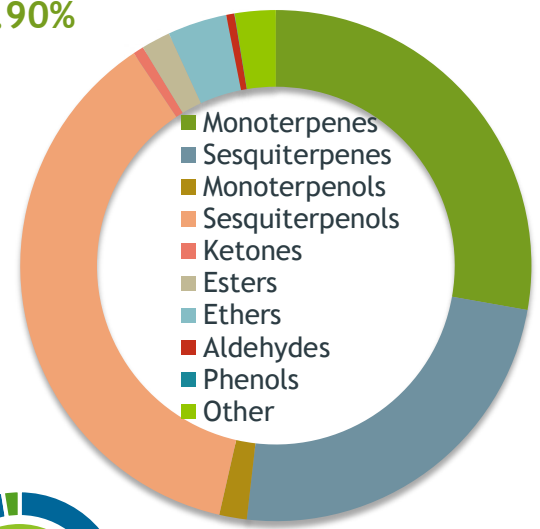


Primary

35.74% | Carotol
9.92% | alpha-Pinene
7.87% | Sabinene

Sesquiterpenols

36.90%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Carrot Seed (*Daucus carota*)

Internal Number: | EVS-5502



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306
Gainesville, FL 32601

317.361.5044 | <https://essentialvalidationservices.com/>

Alan Christen

Monoterpenes	27.66%	27.66%
Sesquiterpenes	23.93%	23.93%
Monoterpenols		1.73%
Sesquiterpenols	36.90%	36.90%
Ketones		0.67%
Esters		1.83%
Ethers	3.74%	3.74%
Aldehydes		0.51%
Phenols		0.02%
Other	2.57%	2.57%

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Total Percentage		97.46%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.08	0.02%	Hexanal	Aliphatic Aldehyde
2	6.88	0.03%	Heptanal	Aliphatic Aldehyde
3	7.52	0.01%	Tricyclene	Monoterpene
4	7.69	0.24%	alpha-Thujene	Monoterpene
5	7.95	9.92%	alpha-Pinene	Monoterpene
6	8.53	0.53%	Camphene	Monoterpene
7	8.70	0.10%	Thuja-2,4(10)-diene	Monoterpene
8	9.48	7.87%	Sabinene	Monoterpene
9	9.63	1.67%	beta-Pinene	Monoterpene
10	10.03	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
11	10.22	3.16%	Myrcene	Monoterpene
12	11.32	0.24%	alpha-Terpinene	Monoterpene
13	11.65	1.13%	para-Cymene	Monoterpene
14	11.85	1.58%	Limonene	Monoterpene
15	12.24	0.04%	(Z)-beta-Ocimene	Monoterpene
16	12.69	0.04%	(E)-beta-Ocimene	Monoterpene
17	13.15	0.93%	gamma-Terpinene	Monoterpene
18	13.67	0.09%	trans-Sabinene hydrate	Monoterpenol
19	14.37	0.14%	Isoterpinolene	Monoterpene
20	14.58	0.04%	para-Cymenene	Monoterpene
21	15.01	0.10%	Perillene	Monoterpene Ether
22	15.10	0.36%	Linalool	Monoterpenol
23	15.22	0.02%	6-Methyl-3,5-heptadien-2-one	Monoterpene Ketone
24	15.32	0.03%	Nonanal	Aliphatic Aldehyde
25	16.02	0.01%	trans-para-Mentha-2,8-dien-1-ol	Monoterpenol
26	16.12	0.02%	cis-para-Menth-2-en-1-ol	Monoterpenol
27	16.22	0.07%	alpha-Campholene aldehyde	Monoterpene Aldehyde
28	16.41	0.02%	Limona ketone	Simple Phenolic
29	16.82	0.15%	trans-Pinocarveol	Monoterpenol
30	17.09	0.24%	trans-Verbenol	Monoterpenol
31	17.27	0.05%	(Z)-isocitral	Monoterpene Aldehyde
32	17.59	0.02%	Sabina ketone	Monoterpene Ketone
33	17.68	0.05%	beta-Pinene oxide	Monoterpene Ether
34	17.82	0.13%	(E)-2-Nonenal	Aliphatic Aldehyde
35	18.30	0.05%	para-Mentha-1,5-dien-8-ol	Monoterpenol

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Number	RT	Area %	Compound Name	Chemical Family
36	18.683	0.35%	Terpinen-4-ol	Monoterpenol
37	19.03	0.02%	para-Cymen-8-ol	Monoterpenol
38	19.31	0.13%	Myrtenal	Monoterpene Aldehyde
39	19.40	0.11%	Myrtenol	Monoterpenol
40	19.85	0.07%	Verbenone	Monoterpene Ketone
41	20.49	0.03%	trans-Carveol	Monoterpenol
42	21.47	0.02%	Cuminal	Monoterpene Aldehyde
43	21.56	0.03%	Carvone	Monoterpene Ketone
44	21.80	0.01%	cis-Carveol	Monoterpenol
45	21.99	0.29%	Geraniol	Monoterpenol
46	23.03	0.03%	Phellandral	Monoterpene Aldehyde
47	23.38	0.42%	Bornyl acetate	Monoterpene Ester
48	24.27	0.02%	Tridecane	Alkane
49	26.14	0.16%	alpha-Terpinyl acetate	Monoterpene Ester
50	27.31	0.07%	alpha-Copaene	Sesquiterpene
51	27.46	1.15%	Daucene	Sesquiterpene
52	27.60	1.01%	Geranyl acetate	Monoterpene Ester
53	27.93	0.14%	7-epi-Sesquithujene	Sesquiterpene
54	28.06	0.02%	Sativene	Sesquiterpene
55	28.96	0.83%	cis-alpha-Bergamotene	Sesquiterpene
56	29.13	5.54%	beta-Caryophyllene	Sesquiterpene
57	29.61	0.15%	gamma-Elemene	Sesquiterpene
58	29.79	1.43%	trans-alpha-Bergamotene	Sesquiterpene
59	30.09	0.39%	beta-Cedrene	Sesquiterpene
60	30.33	0.06%	epi-beta-Santalene	Sesquiterpene
61	30.43	0.02%	Geranylacetone	Monoterpene
62	30.66	2.93%	Sesquisabinene	Sesquiterpene
63	30.77	1.82%	(E)-beta-Farnesene	Sesquiterpene
64	31.27	0.36%	Germacrene D	Sesquiterpene
65	31.75	0.09%	ar-Curcumene	Sesquiterpene
66	31.83	0.38%	Zingiberene	Sesquiterpene
67	31.95	1.05%	beta-Selinene	Sesquiterpene
68	32.25	0.34%	alpha-Selinene	Sesquiterpene
69	32.42	0.44%	28.83 Isodaucene	0.00
70	32.58	0.11%	cis-alpha-Bisabolene	Sesquiterpene
71	32.87	4.84%	beta-Bisabolene	Sesquiterpene

ESSENTIAL VALIDATION SERVICES | 74 / SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 351-301-3044

- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
 - This report may not be published without the consent of Essential Validation Services.
 - Chromatograph image may be requested
 - This report is valid for 1 year from the analyzed date

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72	33.03	0.05%	Sesquicineole	Sesquiterpenol
73	33.22	0.11%	delta-Cadinene	Sesquiterpene
74	33.46	0.38%	beta-Sesquiphellandrene	Sesquiterpene
75	33.74	0.06%	Zonarene	Sesquiterpene
76	34.15	1.61%	trans-alpha-Bisabolene	Sesquiterpene
77	34.38	0.22%	cis-Sesquisabinene hydrate	Monoterpene Ester
78	34.67	0.07%	Germacrene B	Sesquiterpene
79	35.42	0.09%	Spathulenol	Sesquiterpenol
80	35.58	3.32%	Caryophyllene oxide	Sesquiterpene Ether
81	36.11	0.02%	trans-Sesquisabinene hydrate	Monoterpene Ester
82	36.51	35.74%	Carotol	Sesquiterpenol
83	36.67	0.27%	Humulene epoxide II	Sesquiterpene Ether
84	37.40	0.06%	Isospathulenol	Sesquiterpenol
85	37.91	0.43%	Daucol	Sesquiterpenol
86	38.40	0.08%	Pogostol	Sesquiterpenol
87	38.97	0.39%	Bulnesol	Sesquiterpenol
88	39.21	0.21%	(E)-alpha-Asarone	Sesquiterpene Ketone
89	39.65	0.06%	alpha-Bisabolol	Sesquiterpenol
90	39.89	0.31%	Junipercamphor	Sesquiterpene Ketone
91	61.20	0.01%	Heptacosane	Alkane

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