

Client

WHOLESALE BOTANICS .COM

Source



Carrot Seed (*Daucus carota*)
K-CAR

Sample

Carrot Seed (*Daucus carota*)

Batch #:..... K-CAR

Type:..... Essential Oil

CAS Number:... 8015-88-1

Wholesale Botanics

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Website



Primary

68.57%

Carotol

4.25%

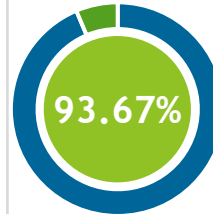
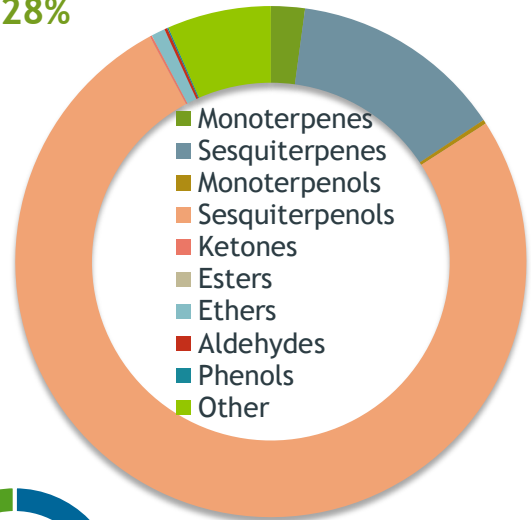
Daucol

3.27%

Daucene

Sesquiterpenols

74.28%



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-5144



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	2.09%
Sesquiterpenes	13.16%
Monoterpenols	0.25%
Sesquiterpenols	74.28%
Ketones	0.13%
Esters	0.01%
Ethers	0.85%
Aldehydes	0.18%
Phenols	0.08%
Other	6.40%

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Total Percentage		93.67%		
Number	RT	Area %	Compound Name	Chemical Family
1	6.91	0.03%	Heptanal	Aliphatic Aldehyde
2	7.97	0.50%	alpha-Pinene	Monoterpene
3	8.57	0.04%	Camphene	Monoterpene
4	8.74	0.02%	Thuja-2,4(10)-diene	Monoterpene
5	9.51	0.05%	Sabinene	Monoterpene
6	9.67	0.38%	beta-Pinene	Monoterpene
7	10.07	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
8	10.25	0.46%	Myrcene	Monoterpene
9	10.84	0.02%	Octanal	Aliphatic Aldehyde
10	11.35	0.01%	alpha-Terpinene	Monoterpene
11	11.68	0.05%	para-Cymene	Monoterpene
12	11.89	0.51%	Limonene	Monoterpene
13	11.99	0.01%	1,8-Cineole	Monoterpene Ether
14	12.73	0.01%	(E)-beta-Ocimene	Monoterpene
15	13.19	0.03%	gamma-Terpinene	Monoterpene
16	13.76	0.02%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
17	14.41	0.01%	Terpinolene	Monoterpene
18	14.62	0.02%	para-Cymenene	Monoterpene
19	15.05	0.03%	Perillene	Monoterpene Ether
20	15.14	0.04%	Linalool	Monoterpenol
21	15.27	0.01%	Hotrienol	Monoterpenol
22	15.36	0.01%	Nonanal	Aliphatic Aldehyde
23	16.27	0.01%	alpha-Campholene aldehyde	Monoterpene Aldehyde
24	16.74	0.01%	Nopinone	Monoterpene Ketone
25	16.85	0.04%	trans-Pinocarveol	Monoterpenol
26	17.13	0.02%	trans-Verbenol	Monoterpenol
27	17.86	0.06%	(E)-2-Nonenal	Aliphatic Aldehyde
28	18.34	0.01%	para-Mentha-1,5-dien-8-ol	Monoterpenol
29	18.72	0.02%	Terpinen-4-ol	Monoterpenol
30	19.06	0.01%	para-Cymen-8-ol	Monoterpenol
31	19.36	0.04%	Myrtenal	Monoterpene Aldehyde
32	19.43	0.05%	Myrtenol	Monoterpenol
33	19.89	0.01%	Verbenone	Monoterpene Ketone
34	20.52	0.02%	trans-Carveol	Monoterpenol
35	21.59	0.01%	Carvone	Monoterpene Ketone

ESSENTIAL VALIDATION SERVICES | 747 SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

- 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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Number	RT	Area %	Compound Name	Chemical Family
36	23.057	0.01%	Phellandral	Monoterpene Ketone
37	23.43	0.01%	Bornyl acetate	Monoterpene Ester
38	24.11	0.01%	Perillyl alcohol	Monoterpenol
39	24.32	0.01%	Tridecane	Alkane
40	24.56	0.06%	4-Vinylguaiacol	Simple Phenolic
41	27.37	0.02%	alpha-Copaene	Sesquiterpene
42	27.53	3.27%	Daucene	Sesquiterpene
43	27.64	0.56%	Isoledene	Sesquiterpene
44	28.54	0.02%	Methyl eugenol	Phenylpropanoid
45	28.67	0.05%	Longifolene	Sesquiterpene
46	29.00	0.04%	cis-alpha-Bergamotene	Sesquiterpene
47	29.15	0.65%	beta-Caryophyllene	Sesquiterpene
48	29.47	0.11%	Thujopsene	Sesquiterpene
49	29.83	0.87%	trans-alpha-Bergamotene	Sesquiterpene
50	30.21	0.22%	Acora-2,4(15)-diene	Sesquiterpene
51	30.37	0.02%	epi-beta-Santalene	Sesquiterpene
52	30.63	0.08%	alpha-Humulene	Sesquiterpene
53	30.74	2.05%	(E)-beta-Farnesene	Sesquiterpene
54	30.84	0.36%	beta-Gurjunene	Sesquiterpene
55	31.11	0.13%	27.35 Decalactone<gamma->	0.00
56	31.32	1.05%	Germacrene D	Sesquiterpene
57	31.79	0.19%	ar-Curcumene	Sesquiterpene
58	31.98	0.03%	beta-Selinene	Sesquiterpene
59	32.29	0.02%	alpha-Selinene	Sesquiterpene
60	32.46	1.81%	28.83 Isodaucene	0.00
61	32.63	0.32%	UK	
62	32.91	2.99%	beta-Bisabolene	Sesquiterpene
63	33.10	0.01%	gamma-Cadinene	Sesquiterpene
64	33.26	0.04%	delta-Amorphene	Sesquiterpene
65	33.50	0.22%	beta-Sesquiphellandrene	Sesquiterpene
66	33.57	0.13%	Dauca-4(11),8-diene	Sesquiterpene
67	33.68	0.10%	trans-Calamenene	Sesquiterpene
68	34.19	0.08%	trans-alpha-Bisabolene	Sesquiterpene
69	34.99	2.29%	UK	
70	35.11	0.01%	(E)-Nerolidol	Sesquiterpenol
71	35.38	0.03%	Dendrolasin	Sesquiterpene Ether

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72	35.66	0.78%	Caryophyllene oxide	Sesquiterpene Ether
73	36.73	68.57%	Carotol	Sesquiterpenol
74	36.81	0.23%	Viridiflorol	Sesquiterpenol
75	37.26	0.41%	UK	
76	37.37	0.63%	34.06 Muuroala-4,10(14)-dien-1-beta-ol	0.00
77	37.99	4.25%	Daucol	Sesquiterpenol
78	38.44	0.11%	Pogostol	Sesquiterpenol
79	39.03	1.02%	beta-Eudesmol	Sesquiterpenol
80	39.24	0.09%	(E)-alpha-Asarone	Sesquiterpene Ketone
81	39.68	0.09%	alpha-Bisabolol	Sesquiterpenol
82	42.82	0.23%	UK	
85	53.64	0.03%	Phytol	Diterpenol
86	58.31	0.01%	Tricosane	Alkane
87	61.21	0.01%	Heptacosane	Alkane
88	62.24	0.01%	Nonacosane	Alkane

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