



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Basil, Sweet ct Linalool - Organic
LATIN NAME	<i>Ocimum basilicum</i>
COUNTRY OF ORIGIN	Egypt
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Leaves/Tops
USE	Aromatherapy, Natural Perfumery.

SKU	95
LOT #	19
MANUFACTURE DATE	September 2022
RETEST DATE	February 2025
UPDATED BEST BY DATE	March 2026

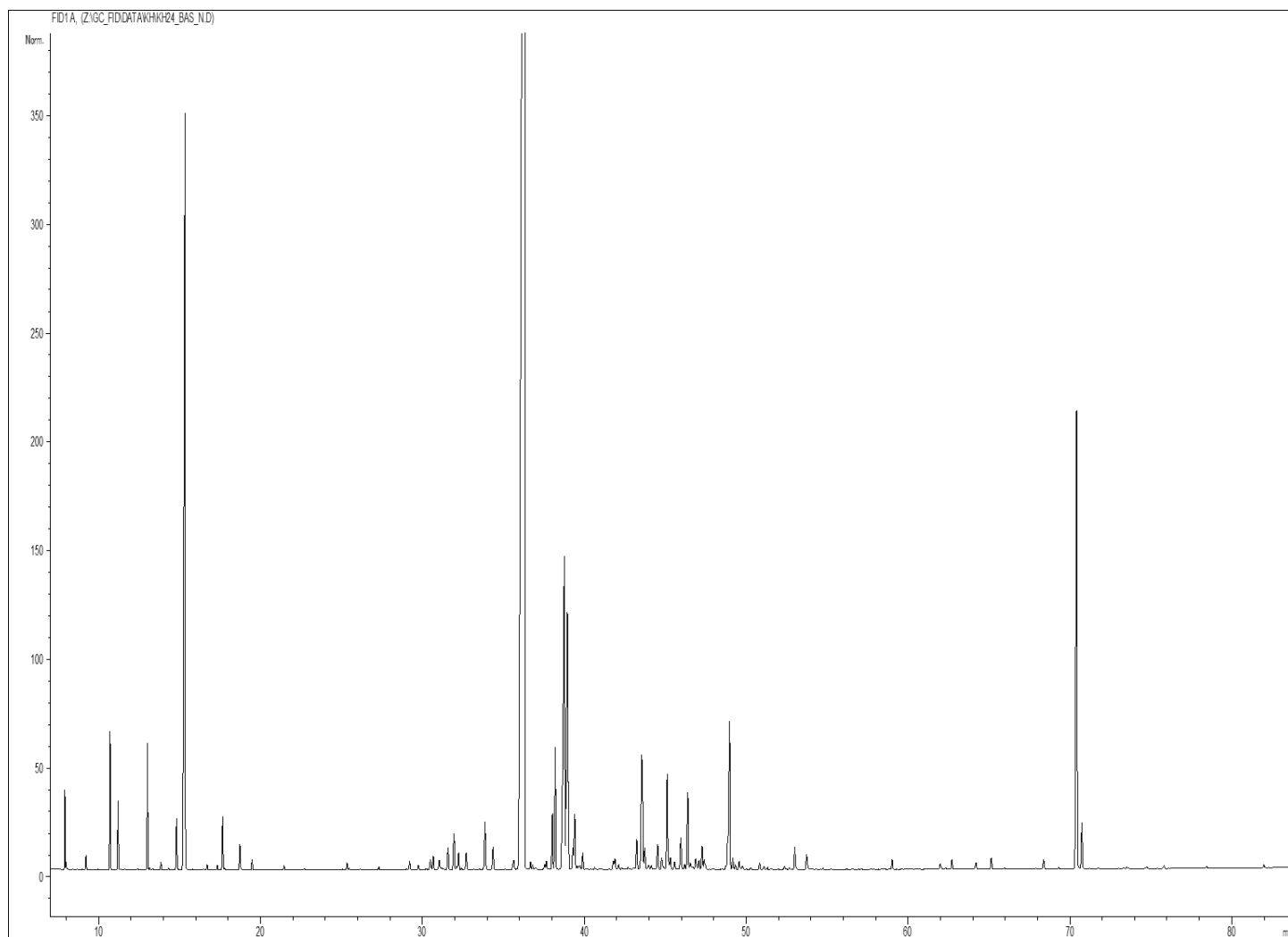
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.880 – 0.930	0.894
REFRACTIVE INDEX @20°C	1.465 – 1.490	1.4729
OPTICAL ROTATION @20°C	-14° to -2°	-10.5°

PHYSICAL APPEARANCE	Transparent liquid	Conforms
COLOR	Pale yellow to amber	Conforms
ODOR	Penetrating green, faint anise, sweet herbaceous.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Linalool, Eugenol, 1.8 Cineole.
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THIRD PARTY LAB ANALYSIS (GCMS)

CHROMATOGRAPHIC PROFILE:



- ORGANIC BASIL SWEET CT LINALOOL EO - SKU 95 LOT 19 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	7.91	alpha-PINENE	0.47		
2	7.99	alpha-THUYENE	0.04		
3	9.22	CAMPHENE	0.09		
4	10.70	beta-PINENE	0.98		
5	11.20	SABINENE	0.49		
6	13.02	beta-MYRCENE	0.95		
7	13.15	alpha-PHELLANDRENE	0.02		
8	13.85	alpha-TERPINENE	0.06		
9	14.31	1,8-CINEOLE, 2,3-DEHYDRO-	0.02		
10	14.81	LIMONENE	0.47		0.47
11	15.34	1,8-CINEOLE	9.60	2.0 - 8.0	
12		beta-PHELLANDRENE			
13	16.70	cis-beta-OCIMENE	0.04		
14	17.33	gamma-TERPINENE	0.04		
15	17.66	trans-beta-OCIMENE	0.43	0.20 - 2.0	
16	17.77	3-OCTANONE	0.02		
17	18.72	p-CYMENE	0.23		
18	19.47	TERPINOLENE	0.09		
19	21.45	3-HEXEN-1-OL ACETATE	0.04		
20	22.69	3-OCTANOL ACETATE	0.02		
21	25.34	1-OCTEN-3-YL ACETATE	0.07		
22	25.47	Z-3-HEXEN-1-OL	0.02		
23	26.14	3-OCTANOL	0.01		
24	29.03	alpha,p-DIMETHYLSTYRENE	0.02		
25	29.21	LINALOOL cis-OXIDE	0.09		
26	29.75	1-OCTEN-3-OL	0.05		
27	30.24	SESQUITERPENE	0.02		
28	30.50	alpha-CUBEBENE	0.14		
29	30.67	trans-THUYANOL	0.14		
30	31.04	LINALOOL trans-OXIDE	0.12		
31	31.18	SESQUITERPENE	0.04		
32	31.58	OCTYL ACETATE	0.25		
33	31.95	BICYCLOELEMENE	0.44		
34	32.23	MYROXIDE	0.17		
35	32.41	ISOMENTHONE	0.02		
36	32.71	alpha-COPAENE	0.20		
37	33.50	CEDRENE ISOMER	0.01		
38	33.86	CAMPHOR	0.56	0.20 - 1.5	
39	34.36	beta-BOURBONENE	0.28		
40	35.09	alpha-GURJUNENE	0.02		
41	35.64	beta1-CUBEBENE	0.15		
42	36.32	LINALOOL	53.17	45.0 - 62.0	
43	36.67	1-OCTANOL	0.08		

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Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	36.81	LINALYL ACETATE	0.05		
45	36.99	BERGAMOTENE ISOMER	0.05		
46	37.55	SESQUITERPENE	0.07		
47	37.66	alpha-cis-BERGAMOTENE	0.10		
48	37.87	SESQUITERPENE	0.01		
49	38.02	epsilon-CADINENE	0.54		
50	38.21	BORNYL ACETATE	1.25		
51	38.77	alpha-trans-BERGAMOTENE	5.01		
52	38.95	beta-ELEMENE	4.04		
53	39.30	alpha-GUAIENE	0.23		
54	39.41	beta-CARYOPHYLLENE	0.60	Tr. - 4.0	
55		TERPINENE-4-OL			
56	39.54	SESQUITERPENE	0.04		
57	39.64	HOTRIENOL	0.04		
58	39.74	SESQUITERPENE	0.05		
59	39.90	AROMADENDRENE	0.18		
60	40.09	SESQUITERPENE	0.02		
61	40.40	SESQUITERPENE	0.02		
62	40.63	CITRONELLYL FORMATE	0.04		
63	40.95	SESQUITERPENE	0.02		
64	41.54	beta-SANTALENE	0.02		
65	41.79	CADINA-3,5-DIENE	0.11		
66	41.89	GERMACRENE A	0.14		
67	42.12	FARNESENE ISOMER	0.07		
68	42.30	cis-PINOCARVYL ACETATE	0.02		
69	42.70	FARNESENE ISOMER	0.03		
70	43.02	SESQUITERPENE	0.04		
71	43.24	SESQUITERPENE	0.36		
72	43.55	ESTRAGOL	1.26	Tr. - 30.0	
73	43.64	alpha-HUMULENE	0.61		
74	43.73	cis-4,5-MUUROLADIENE	0.24		
75	43.96	SESQUITERPENE	0.08		
76	44.14	gamma-CURCUMENE	0.06		
77	44.53	Z-beta-FARNESENE	0.30		
78	44.78	gamma-MUUROLENE	0.19		
79	45.12	alpha-TERPINEOL	1.12		
80	45.31	BORNEOL	0.15		
81	45.58	ACIPHYLLENE	0.09		
82	45.96	GERMACRENE D	0.40		
83	46.19	SESQUITERPENE	0.07		
84	46.39	alpha-BULNESENE	0.91		
85	46.54	beta-SELINENE	0.08		
86	46.70	EXO-2-HYDROXYCINEOLE ACETATE	0.06		

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Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
87	46.88	alpha-SELINENE	0.16		
88	47.09	beta-BISABOLENE	0.11		
89	47.27	SESQUITERPENE	0.29		
90	47.40	BICYCLOGERMACRENE	0.15		
91	47.92	SESQUITERPENE	0.02		
92	48.74	GERANYL ACETATE	0.03		
93	49.00	delta-CADINENE	2.11		
94		gamma-CADINENE			
95	49.17	CITRONELLOL	0.13		0.13
96	49.56	alpha-CURCUMENE	0.11		
97	49.77	beta-SESQUIPHELLANDRENE	0.05		
98	50.30	EXO-2-HYDROXYCINEOLE ACETATE ISOMER	0.03		
99	50.83	CADINA-1,4-DIENE	0.08		
100	51.10	NEROL	0.04		
101	51.28	HEXENYLIC ESTER	0.02		
102	51.57	3,5,7-OCTATRIENE-2-OL, E,Z-2,6-DIMETHYL-	0.02		
103	52.37	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0.04		
104	52.68	trans-ANETHOL	0.02		
105	53.00	CALAMENENE	0.28		
106	53.73	GERANIOL	0.20		0.20
107		p-CYMENE-8-OL			
108	59.02	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	0.10		
109	61.99	SESQUITERPENOL	0.08		
110	62.71	METHYLEUGENOL	0.11		
111	62.93	SESQUITERPENOL	0.01		
112	64.20	EPOXY-6,7-HUMULENE	0.09		
113		NEROLIDOL			
114	65.14	Epi-CUBENOL	0.14		
115	65.40	AROMATIC COMPOUND	0.01		
116	65.95	AROMATIC COMPOUND	0.02		
117	66.43	SESQUITERPENOL	0.01		
118	67.41	10-epi-gamma-EUDESMOL	0.01		
119	67.91	COMPOUND Mw=220	0.01		
120	68.37	SPATHULENOL	0.12		
121	70.41	EUGENOL	5.53	2.0 - 15.0	5.53
122	70.74	T-CADINOL	0.51		
123	73.33	alpha-NOOTKATOL	0.01		
124	73.52	beta-EUDESMOL	0.03		
125	73.62	alpha-CADINOL	0.01		
126	74.74	EUGENYL ACETATE	0.02		
127	75.81	AROMATIC COMPOUND	0.04		
128	78.44	CHAVICOL	0.03		
129	88.32	VANILLIN	0.02		

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Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
		TOTAL	99.71		6.33

This Essential Oil is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

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