



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 #	20
MANUFACTURE DATE	September 2022
RETEST DATE	February 2025
UPDATED BEST BY DATE	March 2026

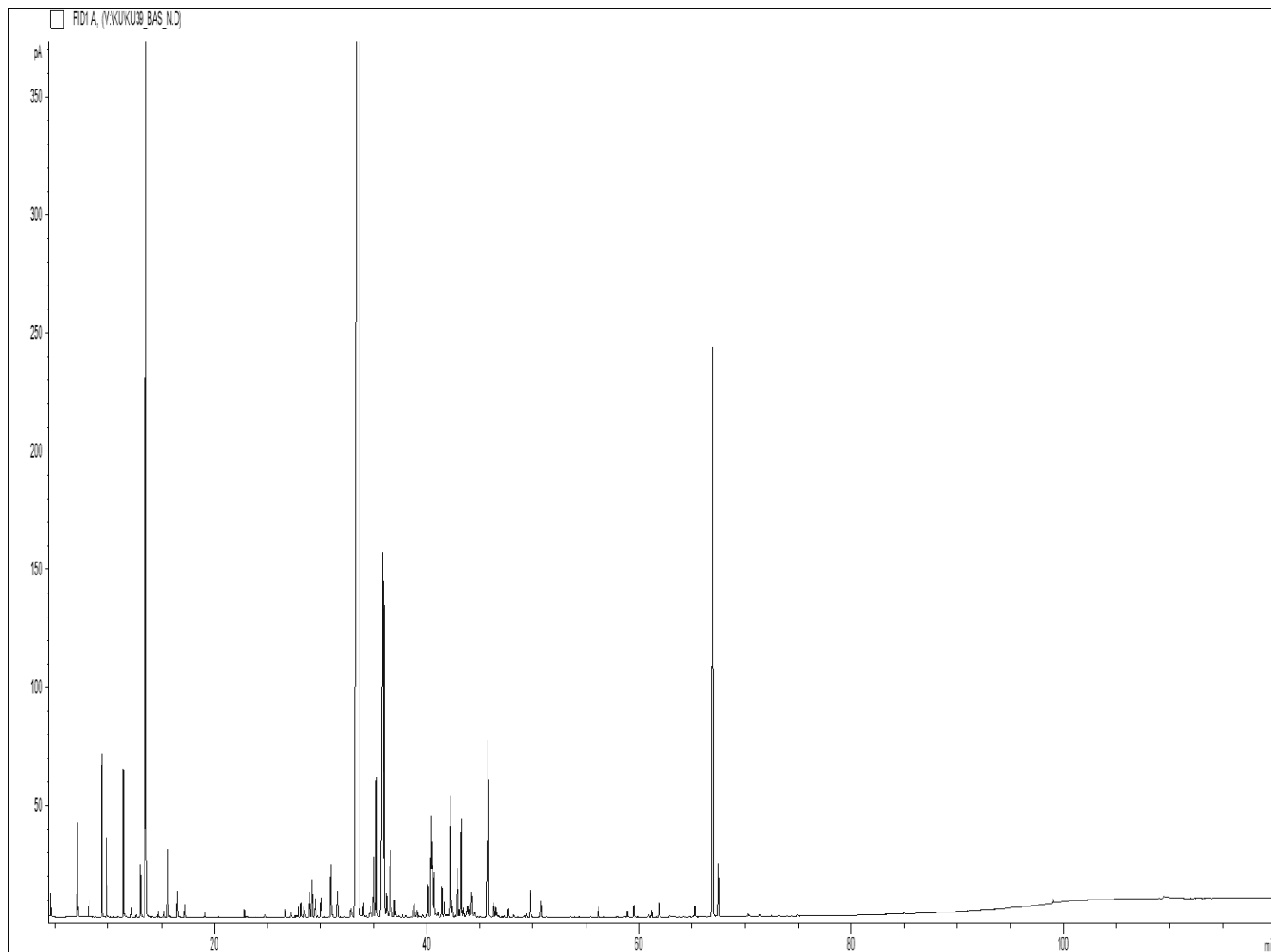
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.880 – 0.930	0.894
REFRACTIVE INDEX @20°C	1.465 – 1.490	1.4722
OPTICAL ROTATION @20°C	-14° to -2°	-10.5°

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 20 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	7.08	alpha-PINENE	0.45		0.45
2	7.14	alpha-THUYENE	0.05		
3	8.15	CAMPHENE	0.09		
4	9.39	beta-PINENE	0.97		0.97
5	9.83	SABINENE	0.47		
6	9.93	PINADIENE	0.01		
7	11.41	beta-MYRCENE	0.93		
8	11.53	alpha-PHELLANDRENE	0.03		
9	11.68	psi-LIMONENE	0.01		
10	12.14	alpha-TERPINENE	0.07		0.07
11	12.60	1,8-CINEOLE, 2,3-DEHYDRO-	0.02		
12	13.03	LIMONENE	0.47		0.47
13	13.56	1,8-CINEOLE	9.75	2.0 - 10	
14	14.70	cis-beta-OCIMENE	0.05		
15	15.26	gamma-TERPINENE	0.05		
16	15.57	trans-beta-OCIMENE	0.49	0.20 - 2.0	
17	15.80	3-OCTANONE	0.02		
18	16.49	p-CYMENE	0.21		
19	17.19	TERPINOLENE	0.10		0.10
20	19.07	3-HEXEN-1-OL ACETATE	0.04		
21	20.37	3-OCTANOL ACETATE	0.02		
22	22.84	1-OCTEN-3-YL ACETATE	0.07		
23	23.00	ALLO-OCIMENE	0.02		
24	26.42	alpha,p-DIMETHYLSTYRENE	0.01		
25	26.64	LINALOOL cis-OXIDE	0.08		
26	27.17	1-OCTEN-3-OL	0.05		
27	27.74	SESQUITERPENE	0.02		
28	27.90	trans-THUYANOL	0.11		
29	28.14	alpha-CUBEBENE	0.13		
30	28.42	LINALOOL trans-OXIDE	0.10		
31	28.49	SESQUITERPENE	0.03		
32	28.96	OCTYL ACETATE	0.25		
33	29.20	TERPENIC COMPOUND	0.40		
34	29.50	SESQUITERPENE	0.21		
35	29.72	YLANGENE	0.02		
36	30.04	alpha-COPAENE	0.20		
37	30.96	CAMPHOR	0.55	0.20 - 1.5	0.55
38	31.10	alpha-BOURBONENE	0.02		
39	31.60	beta-BOURBONENE	0.26		
40	32.84	beta1-CUBEBENE	0.12		
41	32.90	SESQUITERPENE	0.04		
42	33.63	LINALOOL	54.03	45.0 - 62.0	54.03
43	33.99	1-OCTANOL	0.06		

- ORGANIC BASIL SWEET CT LINALOOL EO - SKU 95 LOT 20 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	34.05	LINALYL ACETATE	0.06		0.06
45	34.63	SESQUITERPENE	0.03		
46	34.72	alpha-cis-BERGAMOTENE	0.09		
47	34.79	SESQUITERPENE	0.01		
48	35.04	epsilon-CADINENE	0.48		
49	35.24	BORNYL ACETATE	1.11		
50	35.30	SESQUITERPENE	0.14		
51	35.84	alpha-trans-BERGAMOTENE	5.10		
52	36.01	beta-ELEMENE	3.21		
53	36.06	alpha-GUAIENE	0.64		
54	36.23	beta-CARYOPHYLLENE	0.19		0.19
55	36.28	SESQUITERPENE	0.04		
56	36.57	TERPINENE-4-OL	0.62	Tr. - 4.0	
57	36.67	SESQUITERPENE	0.05		
58	36.94	AROMADENDRENE	0.14		
59	37.07	SESQUITERPENE	0.05		
60	37.70	SESQUITERPENE	0.03		
61	38.01	SESQUITERPENE	0.02		
62	38.79	CADINA-3,5-DIENE	0.09		
63	38.84	GERMACRENE A	0.13		
64	39.10	FARNESENE ISOMER	0.07		
65	39.64	FARNESENE ISOMER	0.03		
66	39.96	SESQUITERPENE	0.03		
67	40.12	SESQUITERPENE	0.31		
68	40.39	ESTRAGOL	0.91	Tr. - 30.0	
69	40.49	alpha-HUMULENE	0.66		
70	40.56	delta-TERPINEOL	0.09		
71	40.70	cis-4,5-MUROLADIENE	0.40		
72	40.85	SESQUITERPENE	0.02		
73	41.09	gamma-CURCUMENE	0.04		
74	41.45	Z-beta-FARNESENE	0.29		
75	41.68	gamma-MUROLENE	0.13		
76	42.26	alpha-TERPINEOL	0.94		0.94
77	42.30	BORNEOL	0.16		
78	42.35	LEDENE	0.11		
79	42.43	ACIPHYLLENE	0.10		
80	42.90	GERMACRENE D	0.49		
81	43.08	SESQUITERPENE	0.07		
82	43.26	alpha-BULNESENE	0.93		
83	43.43	beta-SELINENE	0.09		
84	43.57	SESQUITERPENE	0.03		
85	43.79	EXO-2-HYDROXYCINEOLE ACETATE	0.05		

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Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
86	43.87	alpha-SELINENE	0.11		
87		alpha-MUROLENE			
88	44.05	beta-BISABOLENE	0.11		
89	44.22	SESQUITERPENE	0.21		
90	44.24	BICYCLOGERMACRENE	0.15		
91	44.49	beta-CURCUMENE	0.08		
92	45.60	GERANYL ACETATE	0.05		0.05
93	45.68	delta-CADINENE	0.23		
94	45.80	gamma-CADINENE	1.94		
95	46.30	CITRONELLOL	0.08		0.08
96	46.50	beta-SESQUIPHELLANDRENE	0.08		
97	46.62	alpha-CURCUMENE	0.03		
98	47.30	EXO-2-HYDROXYCINEOLE ACETATE ISOMER	0.02		
99	47.69	alpha-AMORPHENE	0.08		
100	48.13	NEROL	0.03		
101	48.25	HEXENYLIC ESTER	0.02		
102	49.17	beta-DAMASCENONE	0.02		0.02
103	49.43	trans-ANETHOL	0.04		0.04
104	49.77	cis-CALAMENENE	0.26		
105	49.84	trans-CALAMENENE	0.03		
106	50.70	p-CYMENE-8-OL	0.03		
107	50.77	GERANIOL	0.17		0.17
108	54.36	alpha-CALACORENE	0.01		
109	56.19	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	0.08		
110	58.88	SESQUITERPENOL	0.06		
111	59.52	METHYLEUGENOL	0.11		
112	60.95	EPOXY-6,7-HUMULENE	0.03		
113	61.19	NEROLIDOL	0.06		
114	61.91	Epi-CUBENOL	0.14		
115	62.89	METHYL CINNAMATE	0.03		
116	64.75	10-epi-gamma-EUDESOL	0.01		
117	65.26	SPATHULENOL	0.12		
118	66.95	EUGENOL	5.66	2.0 - 15.0	5.66
119	67.50	T-CADINOL	0.52		
120	68.52	SESQUITERPENOL	0.01		
121	70.30	beta-EUDESOL	0.02		
122	70.41	alpha-CADINOL	0.01		
123	71.40	EUGENYL ACETATE	0.02		0.02
124	72.48	AROMATIC COMPOUND	0.02		
125	74.95	CHAVICOL	0.02		
126	84.97	VANILLIN	0.01		0.01
		TOTAL	99.86		63.85

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.

Eden Botanicals

www.edenbotanicals.com

info@edenbotanicals.com

T: 1-707-509-0041 / F: 1-707-949-2526

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