



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 #	22
MANUFACTURE DATE	September 2024
BEST BY DATE	September 2027

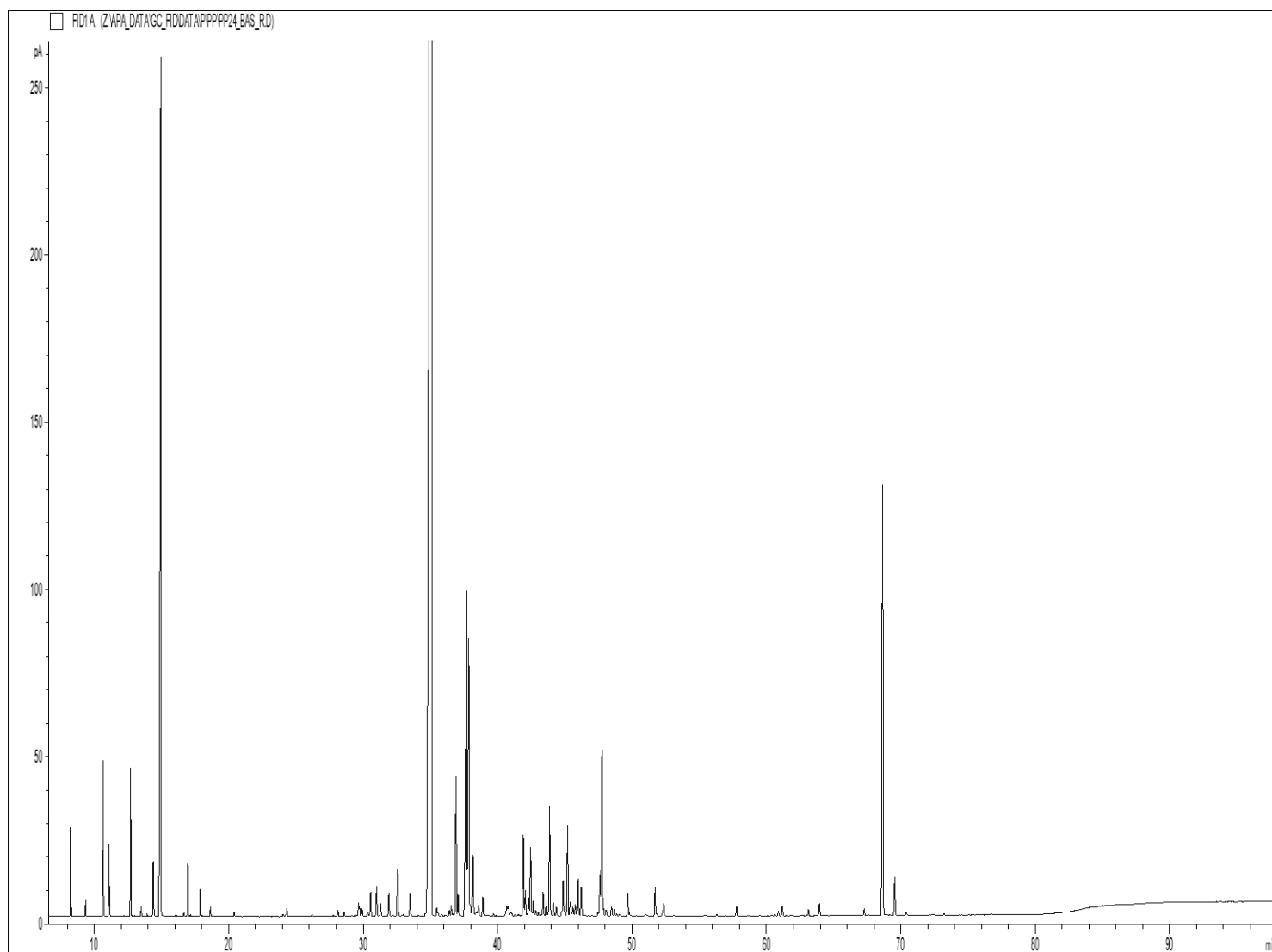
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.880 – 0.930	0.8927
REFRACTIVE INDEX @20°C	1.465 – 1.490	1.4742
OPTICAL ROTATION @20°C	-14° to -2°	-11°

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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GCMS ANALYSIS

CHROMATOGRAPHIC PROFILE



- ORGANIC BASIL SWEET LINALOL EO - SKU 95 LOT 22 -

Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
1	8.22	alpha-PINENE	80-56-8	0.52		0.52
2	8.28	alpha-THUYENE	2867-05-2	0.05		
3	9.35	CAMPHENE	79-92-5	0.10		
4	10.65	beta-PINENE	127-91-3	1.07		1.07
5	11.10	SABINENE	3387-41-5	0.48		
6	11.15	VERBENENE	4080-46-0	0.02		
7	12.70	beta-MYRCENE	123-35-3	1.05		
8	12.86	alpha-PHELLANDRENE	99-83-2	0.02		
9	13.01	psi-LIMONENE	499-97-8	0.01		
10	13.48	alpha-TERPINENE	99-86-5	0.08		0.08
11	13.93	1,8-CINEOLE, 2,3-DEHYDRO-	92760-25-3	0.02		
12	14.39	LIMONENE	138-86-3	0.50		0.50
13	14.94	1,8-CINEOLE	470-82-6	10.00		
14	16.07	cis-beta-OCIMENE	3338-55-4	0.04		
15	16.67	gamma-TERPINENE	99-85-4	0.03		
16	16.96	trans-beta-OCIMENE	3779-61-1	0.42		
17	17.15	3-OCTANONE	106-68-3	0.02		
18	17.88	p-CYMENE	99-87-6	0.24		
19	18.64	TERPINOLENE	586-62-9	0.09		0.09
20	20.41	3-HEXEN-1-OL ACETATE		0.04		
21	24.04	ALLO-OCIMENE	7216-56-0	0.02		
22	24.24	3-HEXEN-1-OL	544-12-7	0.02		
23	24.33	1-OCTEN-3-YL ACETATE	2442-10-6	0.08		
24	25.22	3-OCTANOL	589-98-0	0.01		
25	26.21	ALIPHATIC ESTER		0.02		
26	27.78	alpha,p-DIMETHYLSTYRENE	1195-32-0	0.02		
27	28.14	LINALOOL cis-OXIDE	5989-33-3	0.07		
28	28.59	1-OCTEN-3-OL	3391-86-4	0.05		
29	29.42	SESQUITERPENE		0.03		
30	29.67	trans-THUYANOL	17699-16-0	0.14		
31	29.75	alpha-CUBEBENE	17699-14-8	0.08		
32	29.93	LINALOOL trans-OXIDE	34995-77-2	0.09		
33	30.34	SESQUITERPENE		0.05		
34	30.57	OCTYL ACETATE	112-14-1	0.29		
35	31.01	TERPENIC COMPOUND		0.34		
36		BICYCLOELEMENE	32531-56-9			
37	31.31	YLANGENE	14912-44-8	0.15		
38	31.92	alpha-COPAENE	3856-25-5	0.27		
39	32.22	SESQUITERPENE		0.03		
40	32.57	CAMPHOR	76-22-2	0.57		0.57
41	33.01	alpha-BOURBONENE	5208-58-2	0.02		
42	33.50	beta-BOURBONENE	5208-59-3	0.26		
43	34.13	alpha-GURJUNENE	489-40-7	0.02		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
44	34.63	BERGAMOTENE ISOMER		0.03		
45	35.11	LINALOOL	78-70-6	52.13	45.0 - 62.0	52.13
46	35.49	1-OCTANOL	111-87-5	0.09		
47	35.58	LINALYL ACETATE	115-95-7	0.05		0.05
48	35.88	trans-p-MENTH-2-EN-1-OL	29803-81-4	0.03		
49	36.14	BERGAMOTENE ISOMER		0.02		
50	36.42	SESQUITERPENE		0.07		
51	36.55	alpha-cis-BERGAMOTENE	18252-46-5	0.12		
52	36.67	alpha-CEDRENE	469-61-4	0.03		
53	36.76	alpha-SANTALENE	512-61-8	0.02		
54	36.92	BORNYL ACETATE	76-49-3	1.12		
55	36.95	epsilon-CADINENE	1080-67-7	0.36		
56	37.07	ELEMENE ISOMER		0.24		
57	37.70	alpha-trans-BERGAMOTENE	13474-59-4	4.84		
58	37.86	beta-ELEMENE	33880-83-0	2.93		
59	37.95	alpha-GUAIENE	3691-12-1	0.76		
60	37.98	beta-CUBEENE	13744-15-5	0.11		
61	38.17	TERPINENE-4-OL	562-74-3	0.55		
62	38.20	beta-CARYOPHYLLENE	87-44-5	0.23		0.23
63	38.40	SESQUITERPENE		0.06		
64	38.49	SESQUITERPENE		0.04		
65	38.59	HOTRIENOL	53834-70-1	0.13		
66	38.91	AROMADENDRENE	109119-91-7	0.23		
67	39.16	SESQUITERPENE		0.02		
68	39.29	CITRONELLYL FORMATE	105-85-1	0.02		
69	39.36	SESQUITERPENE		0.02		
70	39.70	SESQUITERPENE		0.03		
71	39.91	SESQUITERPENE		0.01		
72	40.41	Epi-beta-SANTALENE	25532-78-9	0.01		
73	40.69	CADINA-3,5-DIENE		0.17		
74	40.80	GERMACRENE A	28387-44-2	0.13		
75	40.99	FARNESENE ISOMER		0.06		
76	41.08	ALLO-AROMADENDRENE	25246-27-9	0.04		
77	41.29	beta-SANTALENE	511-59-1	0.03		
78	41.56	FARNESENE ISOMER		0.03		
79	41.92	ESTRAGOL	140-67-0	0.91		
80	42.08	SESQUITERPENE		0.30		
81	42.31	delta-TERPINEOL	7299-42-5	0.22		
82	42.46	alpha-HUMULENE	6753-98-6	0.81		
83	42.68	cis-4,5-MUUROLADIENE	157477-72-0	0.18		
84	42.84	gamma-SELINENE	515-17-3	0.09		
85	43.05	SESQUITERPENE		0.06		
86	43.40	Z-beta-FARNESENE	28973-97-9	0.29		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
87	43.63	gamma-MUUROLENE	30021-74-0	0.17		
88	43.88	alpha-TERPINEOL	98-55-5	0.98		0.98
89	43.90	BORNEOL	507-70-0	0.09		
90	44.16	LEDENE	21747-46-6	0.16		
91	44.39	ACIPHYLLENE	87745-31-1	0.12		
92	44.77	SESQUITERPENE		0.05		
93	44.89	GERMACRENE D	23986-74-5	0.41		
94	45.03	SESQUITERPENE		0.14		
95	45.22	alpha-BULNESENE	3691-11-0	0.98		
96	45.42	beta-SELINENE	17066-67-0	0.20		
97	45.60	EXO-2-HYDROXYCINEOLE ACETATE	72257-53-5	0.13		
98	45.79	alpha-SELINENE	473-13-2	0.17		
99		alpha-MUUROLENE	10208-80-7			
100	46.00	beta-BISABOLENE	495-61-4	0.43		
101	46.23	BICYCLOGERMACRENE	67650-90-2	0.38		
102	46.56	SESQUITERPENE		0.01		
103	46.76	beta-CURCUMENE	28976-67-2	0.02		
104	47.03	SESQUITERPENE		0.01		
105	47.46	GERANYL ACETATE	105-87-3	0.05		0.05
106	47.63	delta-CADINENE	483-76-1	0.45		
107	47.78	gamma-CADINENE	39029-41-9	2.08		
108	47.89	CITRONELLOL	106-22-9	0.08		
109	48.09	SESQUITERPENE		0.11		
110	48.48	beta-SESQUIPHELLANDRENE	20307-83-9	0.15		
111		alpha-CURCUMENE	644-30-4			
112	48.70	trans-alpha-BISABOLENE	25532-79-0	0.07		
113	48.86	CADINA-1,4-DIENE	16728-99-7	0.04		
114	49.06	EXO-2-HYDROXYCINEOLE ACETATE ISOMER		0.03		
115	49.69	alpha-AMORPHENE	20085-19-2	0.27		
116	49.82	HEXENYLIC ESTER		0.03		
117	49.96	SESQUITERPENE		0.02		
118	51.03	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-		0.04		
119	51.16	CUPARENE	16982-00-6	0.01		
120	51.73	cis-CALAMENENE	72937-55-4	0.33		
121	51.85	trans-CALAMENENE	73209-42-4	0.03		
122	52.37	GERANIOL	106-24-1	0.18		0.18
123		p-CYMENE-8-OL	1197-01-9			
124	56.31	alpha-CALACORENE	21391-99-1	0.02		
125	57.79	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	13741-21-4	0.10		
126	60.63	SESQUITERPENIC COMPOUND		0.02		
127	60.90	SESQUITERPENOL		0.05		
128	61.18	METHYLEUGENOL	93-15-2	0.11		
129	63.13	trans-NEROLIDOL	40716-66-3	0.08		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
130	63.96	Epi-CUBENOL	19912-67-5	0.14		
131	64.93	VIRIDIFLOROL	552-02-3	0.01		
132	67.28	SPATHULENOL	6750-60-3	0.08		
133	67.59	KETONIC COMPOUND		0.01		
134	68.18	SESQUITERPENOL		0.01		
135	68.65	EUGENOL	97-53-0	5.30		5.30
136	69.19	AROMATIC COMPOUND		0.02		
137	69.56	T-CADINOL	5937-11-1	0.45		
138	70.41	SESQUITERPENOL		0.05		
139	72.31	beta-EUDESOL	473-15-4	0.01		
140	72.47	alpha-CADINOL	481-34-5	0.02		
141	73.22	EUGENYL ACETATE	93-28-7	0.02		0.02
142	76.74	CHAVICOL	501-92-8	0.02		
143	105.57	CONIFERALDEHYDE	458-36-6	0.02		
		TOTAL		99.92		61.77

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

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