



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 #	18
MANUFACTURING DATE	July 2021
BEST BY DATE	July 2024

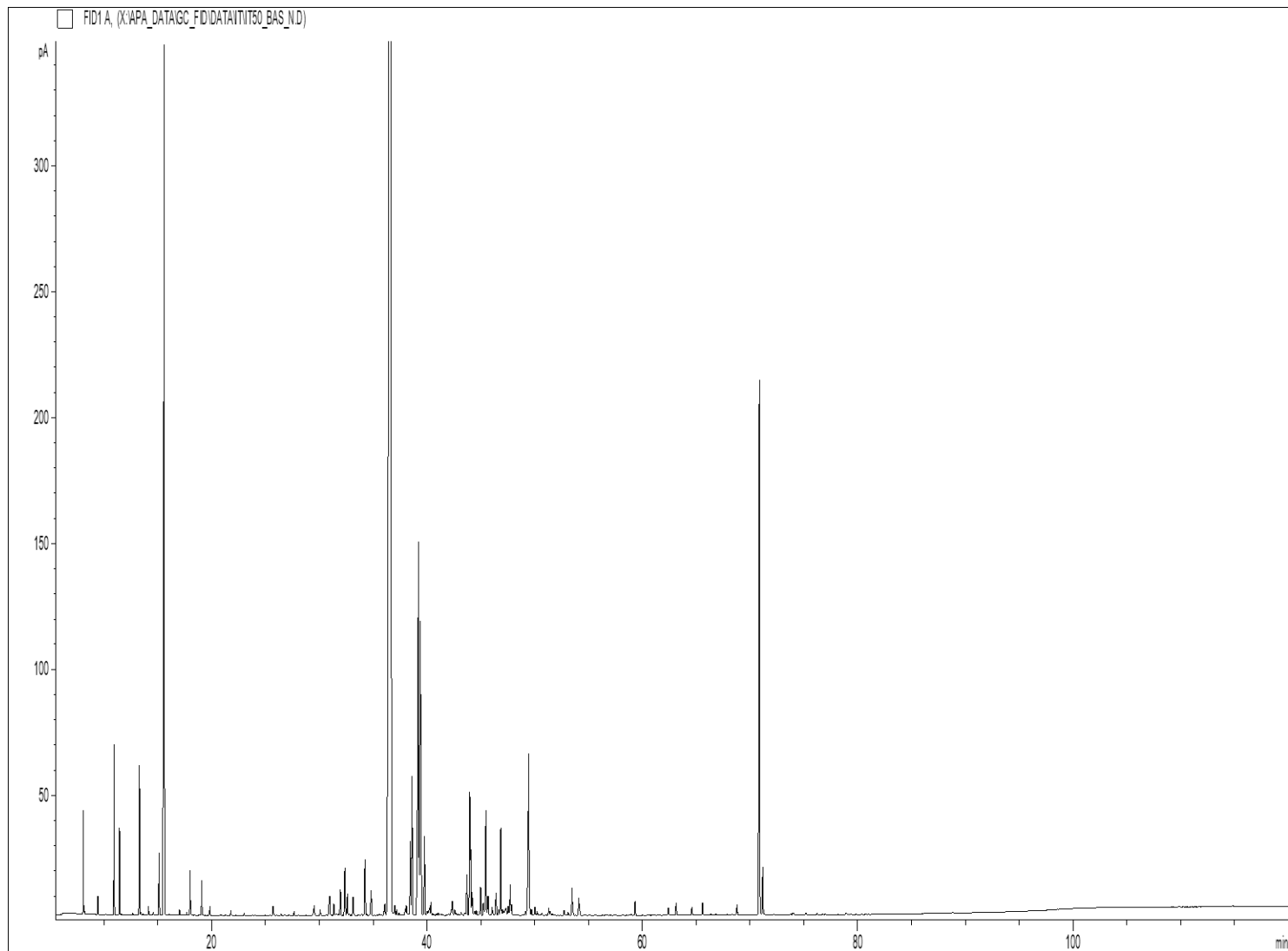
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.880 – 0.930	0.895
REFRACTIVE INDEX @20°C	1.465 – 1.490	1.4751
OPTICAL ROTATION @20°C	-14° to -2°	-11.3°

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 18 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	8,09	alpha-PINENE	0,51		
2	8,17	alpha-THUYENE	0,04		
3	9,43	CAMPHENE	0,10		
4	10,94	beta-PINENE	1,03		
5	11,45	SABINENE	0,52		
6	12,67	delta3-CARENE	0,01		
7	13,29	beta-MYRCENE	0,96		
8	13,43	alpha-PHELLANDRENE	0,01		
9	14,14	alpha-TERPINENE	0,06		
10	14,58	1,8-CINEOLE, 2,3-DEHYDRO-	0,02		
11	15,12	LIMONENE	0,50		0,50
12	15,61	1,8-CINEOLE	9,76	2.0 - 8.0	
13		beta-PHELLANDRENE			
14	17,02	cis-beta-OCIMENE	0,04		
15	17,66	gamma-TERPINENE	0,02		
16	17,99	trans-beta-OCIMENE	0,33	0.20 - 2.0	
17	19,07	p-CYMENE	0,26		
18	19,83	TERPINOLENE	0,07		
19	21,78	3-HEXEN-1-OL ACETATE	0,04		
20	23,02	3-OCTANOL ACETATE	0,02		
21	25,69	1-OCTEN-3-YL ACETATE	0,10		
22	26,43	COMPOUND Mw=150	0,01		
23	27,65	3-OCTANOL	0,03		
24	29,52	LINALOOL cis-OXIDE	0,10		
25	30,07	1-OCTEN-3-OL	0,05		
26	30,65	SESQUITERPENE	0,01		
27	30,95	alpha-CUBEBENE	0,30		
28		trans-THUYANOL			
29	31,35	LINALOOL trans-OXIDE	0,11		
30	31,59	SESQUITERPENE	0,03		
31	31,76	HEXENYLIC ESTER	0,01		
32	31,95	OCTYL ACETATE	0,25		
33	32,37	TERPENIC COMPOUND	0,52		
34	32,60	MYROXIDE	0,21		
35	32,77	ISOMENTHONE	0,01		
36	33,13	alpha-COPAENE	0,20		
37	33,94	CEDRENE ISOMER	0,01		
38	34,24	CAMPHOR	0,56	0.20 - 1.5	
39	34,39	alpha-BOURBONENE	0,02		
40	34,80	beta-BOURBONENE	0,28		
41	35,54	alpha-GURJUNENE	0,01		
42	36,08	beta1-CUBEBENE	0,15		
43	36,66	LINALOOL	53,60	45.0 - 62.0	53,60

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	37,00	LINALYL ACETATE	0,11		
45	37,17	1-OCTANOL	0,04		
46	37,39	BERGAMOTENE ISOMER	0,03		
47	37,97	SESQUITERPENE	0,05		
48	38,08	alpha-cis-BERGAMOTENE	0,10		
49	38,30	SESQUITERPENE	0,01		
50	38,45	epsilon-CADINENE	0,65		
51	38,60	BORNYL ACETATE	1,27		
52	39,21	alpha-trans-BERGAMOTENE	5,04		
53	39,38	beta-ELEMENE	3,54		
54	39,44	alpha-GUAIENE	0,58		
55	39,76	beta-CARYOPHYLLENE	0,81	Tr. - 4.0	
56		TERPINENE-4-OL			
57	39,99	SESQUITERPENE	0,04		
58	40,10	SESQUITERPENE	0,04		
59	40,21	SESQUITERPENE	0,09		
60	40,35	AROMADENDRENE	0,12		
61	40,54	SESQUITERPENE	0,02		
62	40,86	SESQUITERPENE	0,02		
63	41,03	CITRONELLYL FORMATE	0,02		
64	41,23	SESQUITERPENE	0,01		
65	41,34	epi-beta-SANTALENE	0,01		
66	41,99	beta-SANTALENE	0,01		
67	42,26	CADINA-3,5-DIENE	0,06		
68	42,35	GERMACRENE A	0,15		
69	42,56	FARNESENE ISOMER	0,06		
70	42,71	cis-PINOCARVYL ACETATE	0,03		
71	42,90	ALIPHATIC ESTER	0,01		
72	43,15	FARNESENE ISOMER	0,03		
73	43,48	SESQUITERPENE	0,02		
74	43,54	ZONARENE	0,02		
75	43,70	SESQUITERPENE	0,41		
76	43,96	ESTRAGOL	1,33	Tr. - 30.0	
77	44,06	alpha-HUMULENE	0,52		
78	44,19	cis-4,5-MUUROLADIENE	0,25		
79	44,44	SESQUITERPENE	0,05		
80	44,59	gamma-CURCUMENE	0,05		
81	44,98	Z-beta-FARNESENE	0,28		
82	45,24	gamma-MUUROLENE	0,15		
83	45,48	alpha-TERPINEOL	1,02		
84	45,68	LEDENE	0,10		
85	45,70	BORNEOL	0,13		
86	46,05	ACIPHYLLENE	0,09		

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
87	46,42	GERMACRENE D	0,24		
88	46,65	SESQUITERPENE	0,05		
89	46,86	alpha-BULNESENE	0,84		
90	47,01	beta-SELINENE	0,07		
91	47,14	SESQUITERPENE	0,05		
92	47,27	EXO-2-HYDROXYCINEOLE ACETATE	0,06		
93	47,35	SESQUITERPENE	0,08		
94	47,54	beta-BISABOLENE	0,11		
95	47,74	SESQUITERPENE	0,30		
96	47,86	BICYCLOGERMACRENE	0,10		
97	48,36	SESQUITERPENE	0,01		
98	49,13	GERANYL ACETATE	0,03		
99	49,34	delta-CADINENE	0,21		
100	49,45	gamma-CADINENE	1,73		
101	49,52	7-epi-alpha-SELINENE	0,08		
102	49,71	CITRONELLOL	0,05		0,05
103	50,03	beta-SESQUIPHELLANDRENE	0,09		
104	50,23	alpha-CURCUMENE	0,04		
105	50,68	EXO-2-HYDROXYCINEOLE ACETATE ISOMER	0,02		
106	51,31	alpha-AMORPHENE	0,08		
107	51,46	NEROL	0,04		
108	51,67	HEXENYLIC ESTER	0,02		
109	51,88	3,5,7-OCTATRIENE-2-OL, E,Z-2,6-DIMETHYL-	0,01		
110	52,75	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0,05		
111	53,11	trans-ANETHOL	0,03		
112	53,48	CALAMENENE	0,29		
113	54,10	GERANIOL	0,16		0,16
114	54,19	p-CYMENE-8-OL	0,04		
115	57,52	PHENYLETHYL ALCOHOL	0,01		
116	58,16	alpha-CALACORENE	0,01		
117	58,98	AROMATIC COMPOUND	0,01		
118	59,33	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	0,13		
119	61,64	AROMATIC COMPOUND	0,01		
120	62,42	SESQUITERPENOL	0,07		
121	63,15	METHYLEUGENOL	0,11		
122	63,33	SESQUITERPENOL	0,01		
123	64,60	EPOXY-6,7-HUMULENE	0,03		
124	64,61	NEROLIDOL	0,05		
125	65,60	Epi-CUBENOL	0,12		
126	66,84	AROMATIC COMPOUND	0,01		
127	67,86	10-epi-gamma-EUDESMOL	0,02		
128	68,34	COMPOUND Mw=220	0,01		
129	68,80	SPATHULENOL	0,11		

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
130	70,87	EUGENOL	5,58	2.0 - 15.0	5,58
131	71,19	T-CADINOL	0,46		
132	73,97	alpha-CADINOL	0,02		
133	74,06	beta-EUDESMOL	0,01		
134	75,20	EUGENYL ACETATE	0,02		
135	76,21	AROMATIC COMPOUND	0,02		
136	78,93	CHAVICOL	0,02		
137	88,82	VANILLIN	0,02		
138	114,82	CONIFERALDEHYDE	0,02		
		TOTAL	99,99		59,89

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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