



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Bergamot FCF - Organic
LATIN NAME	<i>Citrus aurantium</i> var. <i>bergamia</i>
COUNTRY OF ORIGIN	Italy
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Essential Oil
EXTRACTION METHOD	Cold Pressed and Vacuum Distilled
PLANT PART	Peels
USE	Aromatherapy, Natural Perfumery

SKU	130
LOT #	16
MANUFACTURING DATE	November 2023
BEST BY DATE	November 2025

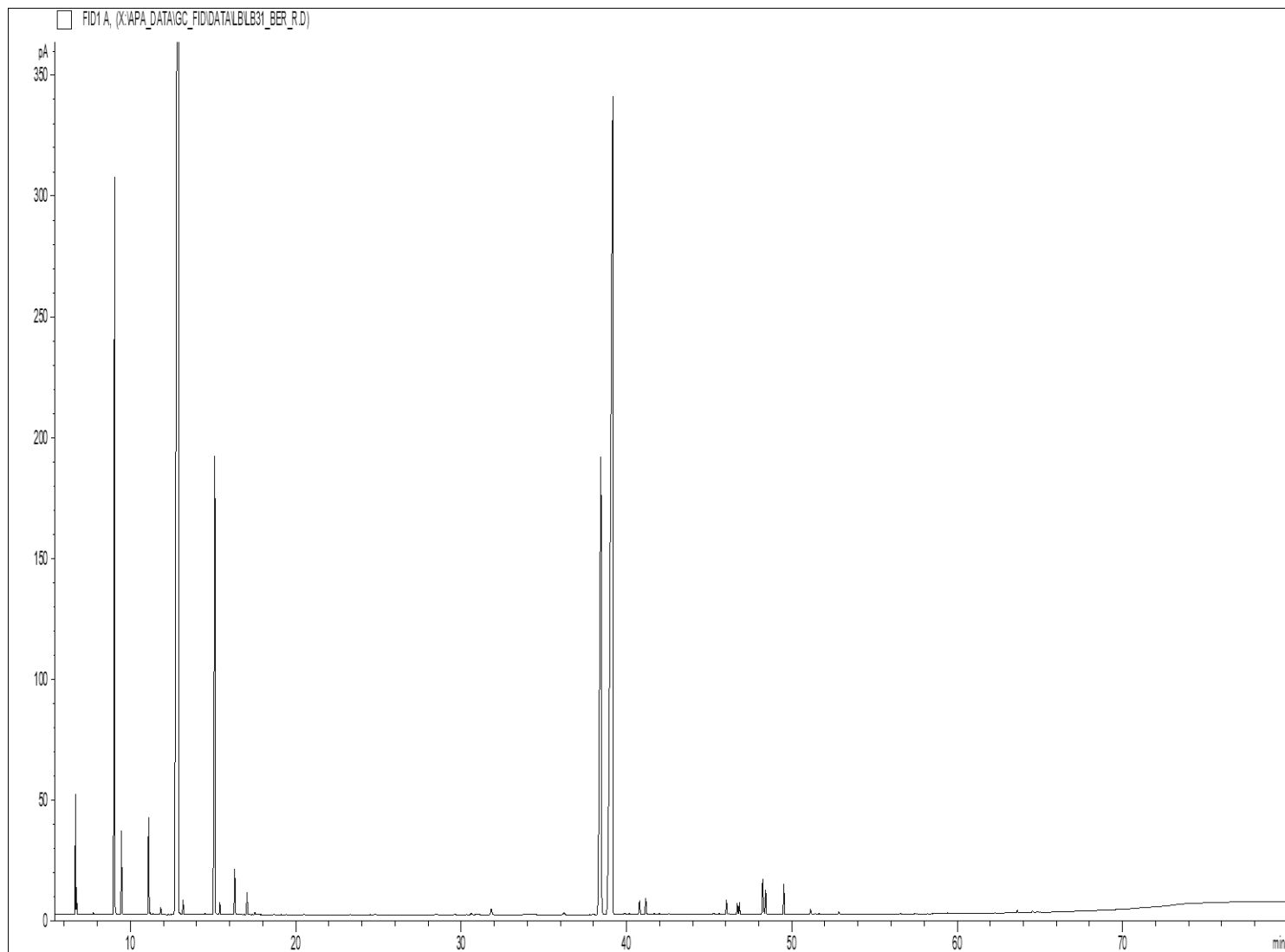
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.86 – 0.89	0.863
REFRACTIVE INDEX @20°C	1.45 – 1.47	1.4633
OPTICAL ROTATION @20°C	+8° to +38°	+34°

PHYSICAL APPEARANCE	Transparent liquid	Conforms
COLOR	Colorless to pale yellowish-green	Conforms
ODOR	Fresh, sweet citrus aroma	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness.	

PRIMARY CONSTITUENTS	Limonene, Linalyl acetate, Linalool, Beta-Pinene.
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THIRD PARTY LAB ANALYSIS (GCMS)

CHROMATOGRAPHIC PROFILE:



- ORGANIC BERGAMOT FCF EO - SKU 130 LOT 16 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	6.68	alpha-PINENE	0.86		0.86
2	6.75	alpha-THUYENE	0.19		
3	7.75	CAMPHENE	0.02		
4	9.04	beta-PINENE	7.67	4.0 - 8.5	7.67
5	9.46	SABINENE	0.77		
6	10.53	delta3-CARENE	0.01		
7	11.10	beta-MYRCENE	0.99		
8	11.19	alpha-PHELLANDRENE	0.02		
9	11.35	psi-LIMONENE	0.02		
10	11.82	alpha-TERPINENE	0.09		0.09
11	12.89	LIMONENE	38.89	32.0 - 47.0	38.89
12	13.18	beta-PHELLANDRENE	0.16		
13	14.51	cis-beta-OCIMENE	0.02		
14	15.10	gamma-TERPINENE	6.59	6.0 - 10.0	
15	15.40	trans-beta-OCIMENE	0.14		
16	16.31	p-CYMENE	0.56		
17	17.05	TERPINOLENE	0.28		0.28
18	17.52	OCTANAL	0.03		
19	20.49	5-HEPTEN-2-ONE, 6-METHYL-	0.02		
20	24.77	NONANAL	0.01		
21	28.45	LINALOOL cis-OXIDE	0.03		
22	30.62	trans-THUYANOL	0.03		
23	30.92	LINALOOL trans-OXIDE	0.02		
24	31.83	OCTYL ACETATE	0.12		
25	33.83	DECANAL	0.02		
26	36.22	E-SOLANONE	0.05		
27	38.46	LINALOOL	11.31	3.0 - 15.0	11.31
28	39.18	LINALYL ACETATE	28.68	22.0 - 36.0	28.68
29	39.74	alpha-cis-BERGAMOTENE	0.01		
30	39.90	ALIPHATIC ESTER	0.02		
31	40.17	BORNYL ACETATE	0.02		
32	40.78	alpha-trans-BERGAMOTENE	0.21		
33	41.16	beta-CARYOPHYLLENE	0.26		0.26
34	41.69	TERPINENE-4-OL	0.02		
35	41.98	COMPOUND Mw=152	0.03		
36	42.56	LINALYL PROPIONATE	0.02		
37	45.30	CITRONELLYL ACETATE	0.03		
38	45.61	E-beta-FARNESENE	0.01		
39	46.04	NERAL	0.19		0.19
40	46.17	Z-beta-FARNESENE	0.01		
41	46.70	TERPENYL ACETATE	0.14		
42	46.83	alpha-TERPINEOL	0.14		0.14
43	48.23	NERYL ACETATE	0.35		

- ORGANIC BERGAMOT FCF EO - SKU 130 LOT 16 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	48.30	beta-BISABOLENE	0.19		
45	48.41	GERANIAL	0.29	0.25 - 0.50	0.29
46	49.51	GERANYL ACETATE	0.32		0.32
47	51.13	NEROL	0.05		
48	51.43	cis-EPOXYLINALYL ACETATE	0.01		
49	51.65	trans-EPOXYLINALYL ACETATE	0.01		
50	52.84	GERANIOL	0.04		0.04
51	63.64	DITERPENE	0.03		
52	64.55	AROMATIC COMPOUND	0.02		
53	64.87	DITERPENE	0.01		
		TOTAL	100.00		89.01

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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