



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Cinnamon Bark - Organic
LATIN NAME	<i>Cinnamomum zeylanicum</i>
COUNTRY OF ORIGIN	Sri Lanka
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Bark
USE	Aromatherapy, Natural Perfumery

SKU	210
LOT #	19
MANUFACTURING DATE	September 2022
BEST BY DATE	September 2025

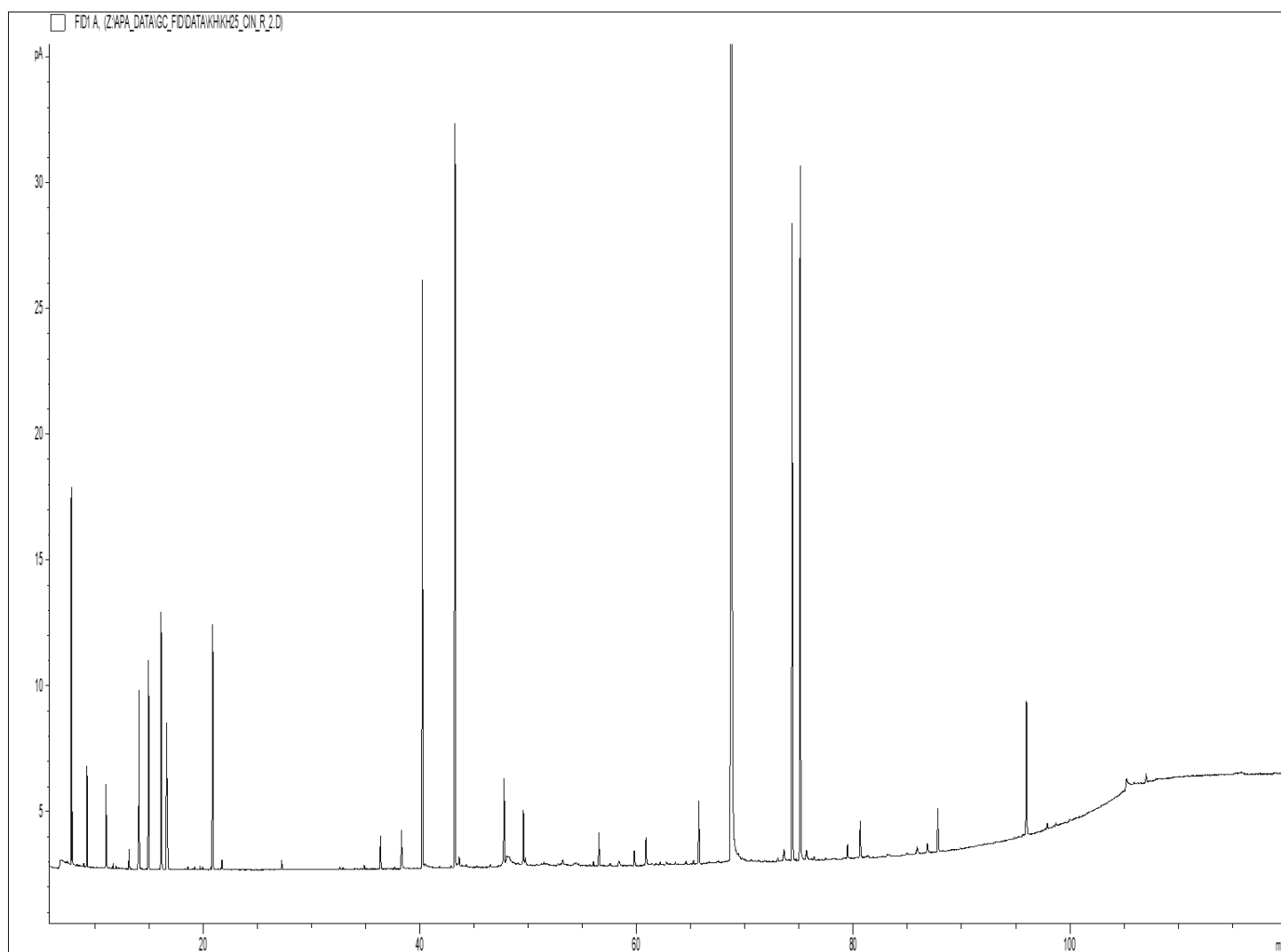
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.97 – 1.05	1.0135
REFRACTIVE INDEX @ 20°C	1.5 – 1.6	1.5768
OPTICAL ROTATION @20°C	-2 to +2°	-1.006°

PHYSICAL APPEARANCE	Transparent Liquid	Conforms
COLOR	Yellowish green to brownish	Conforms
ODOR	Powerful, warm, dry, spicy-sweet	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	E-Cinnamaldehyde, Caryophyllene(E-), E-Cinnamyl acetate
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THIRD PARTY LAB ANALYSIS (GCMS)

CHROMATOGRAPHIC PROFILE :



- ORGANIC CINNAMON BARK EO - SKU 210 LOT 19 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	8.02	alpha-PINENE	1.50		
2	8.11	alpha-THUYENE	0.21		
3	9.20	beta-FENCHENE	0.02		
4	9.53	CAMPHENE	0.49		
5	11.34	beta-PINENE	0.46		
6	11.99	SABINENE	0.03		
7	12.26	p-MENTH-2-ENE	0.02		
8	13.49	delta3-CARENE	0.12		
9	14.46	beta-MYRCENE	1.20		
10		alpha-PHELLANDRENE			
11	15.35	alpha-TERPINENE	1.35		
12	16.54	LIMONENE	1.63		1.63
13	16.98	1,8-CINEOLE	0.93		
14	17.10	beta-PHELLANDRENE	0.55		
15	18.98	cis-beta-OCIMENE	0.02		
16	19.62	gamma-TERPINENE	0.02		
17	20.12	trans-beta-OCIMENE	0.02		
18	20.39	3-OCTANONE	0.02		
19	21.16	m-CYMENE	0.02		
20	21.36	p-CYMENE	1.61		
21	22.01	ISOTERPINOLENE	0.02		
22	22.19	TERPINOLENE	0.07		
23	33.06	alpha,p-DIMETHYLSTYRENE	0.02		
24	33.22	LINALOOL cis-OXIDE	0.01		
25	35.21	LINALOOL trans-OXIDE	0.03		
26	36.78	alpha-COPAENE	0.25		
27	38.07	CAMPHOR	0.01		
28	38.77	BENZALDEHYDE	0.33		
29	40.69	LINALOOL	4.00		
30	41.23	SESQUITERPENE	0.01		
31	42.27	SESQUITERPENE	0.02		
32	43.39	SESQUITERPENE	0.02		
33	43.87	beta-CARYOPHYLLENE	5.64		
34	44.01	TERPINENE-4-OL	0.08		
35	44.31	AROMADENDRENE	0.01		
36	45.62	COMPOUND Mw=152	0.01		
37	46.97	SESQUITERPENE	0.01		
38	48.05	SESQUITERPENE	0.01		
39	48.23	alpha-HUMULENE	0.60		
40	48.67	COMPOUND Mw=152	0.02		
41	49.46	gamma-MUUROLENE	0.01		
42	49.94	alpha-TERPINEOL	0.40		
43	50.13	gamma-TERPINEOL	0.06		

- ORGANIC CINNAMON BARK EO - SKU 210 LOT 19 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	51.21	beta-SELINENE	0.02		
45	51.67	SESQUITERPENE	0.01		
46	51.87	beta-BISABOLENE	0.03		
47	53.64	delta-CADINENE	0.05		
48	54.64	alpha-CURCUMENE	0.02		
49	54.84	cis-alpha-BISABOLENE	0.07		
50	56.42	cis-SABINOL	0.04		
51	56.97	AROMATIC COMPOUND	0.25		
52	57.98	CALAMENENE	0.02		
53	58.73	p-CYMENE-8-OL	0.03		
54	58.85	GERANIOL	0.03		0.03
55	60.30	SAFROLE	0.12		
56	61.33	Z-CINNAMALDEHYDE	0.21		0.21
57	61.83	AROMATIC COMPOUND	0.02		
58	62.25	alpha-CALACORENE	0.02		
59	63.18	ALIPHATIC ESTER	0.04		
60	64.00	BENZENE PROPANOL ACETATE	0.02		
61	64.99	BENZALDEHYDE, 2-METHOXY-	0.03		
62	65.66	ISOCARYOPHYLLENE OXIDE	0.02		
63	66.18	CARYOPHYLLENE OXIDE	0.48		
64	68.00	AROMATIC COMPOUND	0.03		
65	68.23	AROMATIC COMPOUND	0.02		
66	69.62	E-CINNAMALDEHYDE	64.01		64.01
67	70.91	NEROLIDOL	0.01		
68	72.29	GLOBULOL	0.01		
69	73.38	SPATHULENOL	0.01		
70	74.54	AROMATIC COMPOUND	0.01		
71	74.89	CINNAMYL ACETATE	4.85		
72	75.63	EUGENOL	5.42		5.42
73	76.57	SESQUITERPENOL	0.02		
74	76.78	COMPOUND Mw=126	0.03		
75	77.91	CARVACROL	0.01		
76	79.89	EUGENYL ACETATE	0.11		
77	81.11	CINNAMIC ALCOHOL	0.31		
78	81.72	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0.02		
79	83.50	CHAVICOL	0.02		
80	88.21	CINNAMALDEHYDE, 2-METHOXY-	0.37		
81	96.42	BENZYL BENZOATE	1.16		
82	98.24	DITERPENIC COMPOUND	0.05		
83	107.29	AROMATIC COMPOUND	0.01		
84	119.54	ALIPHATIC ESTER	0.02		
85	122.87	CONIFERALDEHYDE	0.01		
		TOTAL	99.88		71.29

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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