



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 #	21
MANUFACTURING DATE	August 2024
BEST BY DATE	August 2027

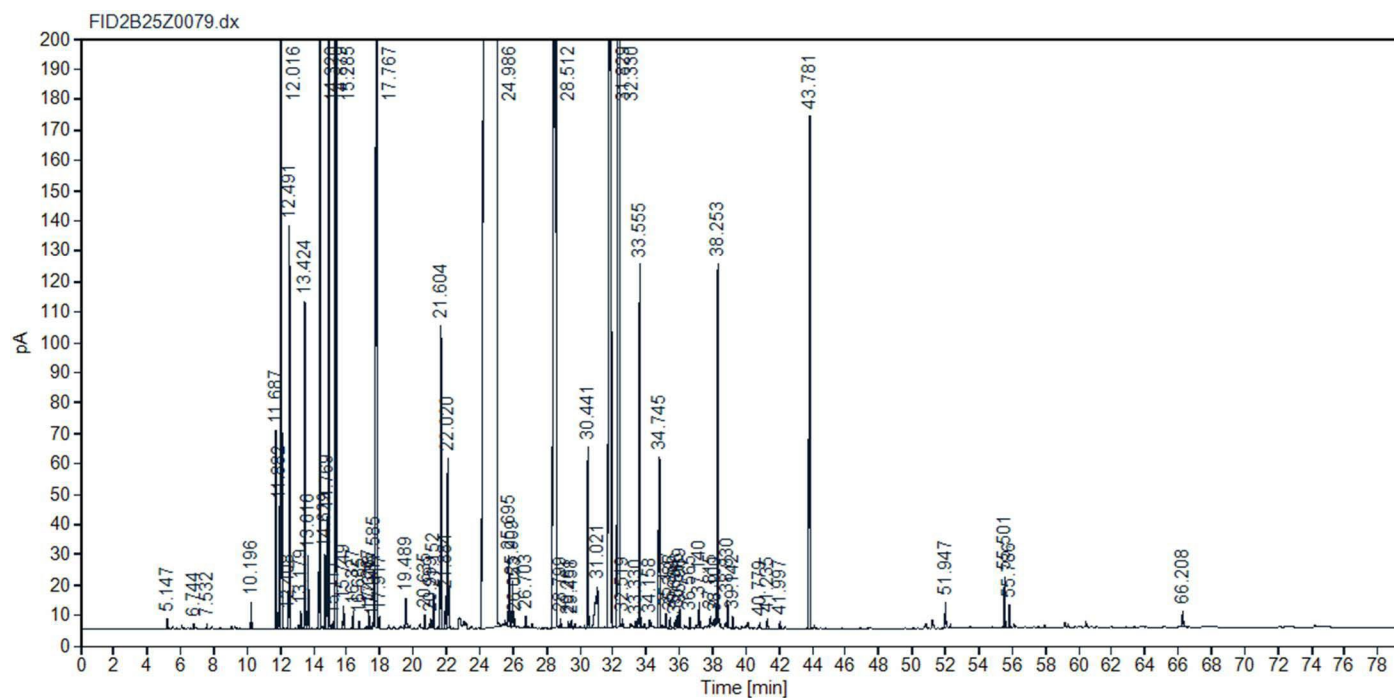
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.97 – 1.05	1.02
REFRACTIVE INDEX @ 20°C	1.5 – 1.6	1.584
OPTICAL ROTATION @20°C	-2 to +2°	-1.167°

PHYSICAL APPEARANCE	Transparent Liquid	<i>Conforms</i>
COLOR	Yellowish green to brownish	<i>Conforms</i>
ODOR	Powerful, warm, dry, spicy-sweet	<i>Conforms</i>
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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GCMS ANALYSIS

CHROMATOGRAPHY PROFILE:



TR FID	Compound	% GC/FID
5.147	ethyl alcohol	0,01
7.532	toluene ⁶⁵	0,01
10.196	styrene ⁶⁵	0,03
11.687	alpha thujene	0,24
	tricyclene	0,01
11.882	benzoic aldehyde*	0,17
12.016	alpha pinene*	1,69
12.408	alpha fenchene	0,02
12.491	camphene	0,51
13.179	sabinene	0,02
13.424	beta pinene*	0,42
13.616	beta myrcene ⁶⁵	0,09
14.320	alpha phellandrene	1,06
14.629	delta 3 carene	0,10
14.769	alpha terpinene*	0,17
14.879	paracymene	1,07
15.285	limonene*	1,43
	beta phellandrene	0,49
	eucalyptol	0,16
	cis beta ocimene	0,03
15.749	trans beta ocimene	0,04
16.327	gamma terpinene	0,02
16.685	linalool oxide 1/2	0,01
17.267	linalool oxide 2/2	0,03
17.318	dehydroparacymene	0,02
17.497	isoterpinolene	0,01
17.585	terpinolene*	0,06
17.767	linalool*	3,15
	phenylethyl alcohol	0,05
17.917	2-methylbutyl 2-methylbutyrate	0,01
19.489	3-phenylpropionaldehyde	0,07
20.635	borneol	0,02
20.999	paracymenol	0,01

TR FID	Compound	% GC/FID
21.152	4 terpinenol	0,05
21.604	alpha terpineol*	0,47
21.884	gamma terpineol*	0,05
22.020	cis cinnamaldehyde	0,32
24.986	trans cinnamaldehyde	69,83
25.695	safrole	0,10
25.909	cinnamic alcohol*	0,07
26.053	carvacrol	0,01
28.512	eugenol*	5,16
28.799	phenylpropyl acetate	0,01
29.261	alpha cubebene	0,01
30.441	alpha copaene	0,27
31.021	cinnamic acid	0,20
31.829	cinnamyl acetate	4,44
32.330	beta caryophyllene*	4,66
33.555	alpha humulene	0,57
34.158	ar curcumene	0,01
34.745	eugenyl acetate*	0,12
	o-methoxycinnamaldehyde	0,25
35.385	beta bisabolene	0,02
35.694	gamma cadinene	0,01
35.816	calamenene	0,02
35.969	delta cadinene	0,03
36.565	alpha calacorene	0,02
	trans alpha bisabolene	0,01
37.140	nerolidol	0,04
37.815	caryophyllenyl alcohol	0,02
38.253	caryophyllene oxide	0,58
38.830	aldehyde C14	0,04
39.142	humulene oxide II	0,02
43.781	benzyl benzoate*	1,00
	Total	99,64

*EU Allergens ⁶⁵Prop 65

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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