

Client



Source



Organic Cinnamon Bark (*Cinnamomum verum*)  
OCB3190021-2019

Sample

Organic Cinnamon Bark (*Cinnamomum*)  
Batch #:..... OCB3190021-2019  
Type:..... Essential Oil  
CAS Number:... 8015-91-6  
**Natural Sourcing LLC**

Client



Website

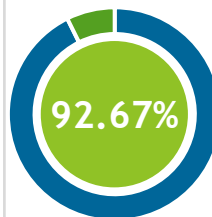
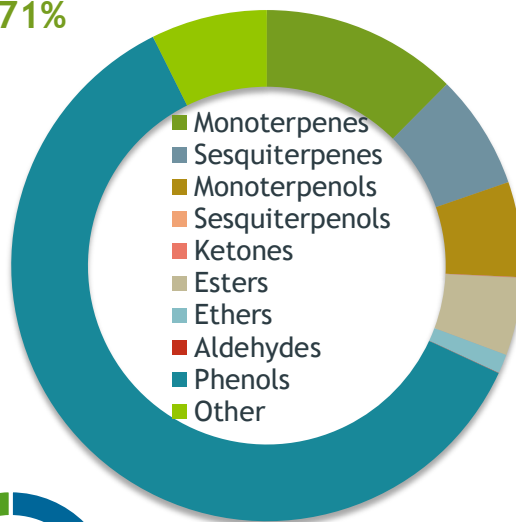


Primary

**55.01%** | (E)-Cinnamaldehyde  
**6.24%** | beta-Caryophyllene  
**5.40%** | Linalool

Phenols

60.71%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Organic Cinnamon Bark (*Cinnamomum verum*)

Internal Number: | EVS-4405



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306  
Gainesville, FL 32601

317.361.5044 |  
<https://essentialvalidationservices.com/>

*Alan Chastain*

Monoterpenes	12.4	12.44%
Sesquiterpenes	7.	7.26%
Monoterpenols	6	6.02%
Sesquiterpenols		0.01%
Ketones		0.03%
Esters	4	4.92%
Ethers		1.21%
Aldehydes		0.02%
Phenols	60.71%	60.71
Other	7.	7.35%

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**NATURAL SOURCING**  
Cosmetic and Personal Care Ingredient Specialists  
PROUDLY SERVING YOU FOR OVER 30 YEARS

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Total Percentage		92.67%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.98	0.01%	Furfural	Furan
2	5.43	0.01%	2-Methylbutyric acid	Aliphatic Acid
3	6.67	0.06%	Styrene	Phenylpropanoid
4	7.74	0.02%	Tricyclene	Monoterpene
5	7.91	0.40%	alpha-Thujene	Monoterpene
6	8.16	2.60%	alpha-Pinene	Monoterpene
7	8.76	0.92%	Camphene	Monoterpene
8	9.23	0.32%	Benzaldehyde	Simple Phenolic
9	9.71	0.03%	Sabinene	Monoterpene
10	9.87	0.80%	beta-Pinene	Monoterpene
11	10.46	0.13%	Myrcene	Monoterpene
12	11.10	1.44%	alpha-Phellandrene	Monoterpene
13	11.20	0.20%	delta-3-Carene	Monoterpene
14	11.57	0.17%	alpha-Terpinene	Monoterpene
15	11.70	0.04%	o-Cymene	Monoterpene
16	11.91	2.23%	para-Cymene	Monoterpene
17	12.12	3.29%	Limonene	Monoterpene
18	12.21	0.24%	1,8-Cineole	Monoterpene Ether
19	12.49	0.02%	(Z)-beta-Ocimene	Monoterpene
20	12.95	0.02%	(E)-beta-Ocimene	Monoterpene
21	13.42	0.01%	gamma-Terpinene	Monoterpene
22	13.98	0.04%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
23	14.48	0.01%	Isoterpinolene	Monoterpene
24	14.64	0.08%	Terpinolene	Monoterpene
25	14.71	0.05%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
26	14.84	0.03%	para-Cymenene	Monoterpene
27	15.42	5.40%	Linalool	Monoterpenol
28	15.54	0.05%	2-Methylbutyl 2-methylbutyrate	Aliphatic Ester
29	15.83	0.03%	2-Phenylethanol	Simple Phenolic
30	16.98	0.01%	cis-para-Mentha-2,8-dien-1-ol	Monoterpenol
31	17.36	0.02%	Camphor	Monoterpene Ketone
32	18.10	0.07%	Hydrocinnamaldehyde	Phenylpropanoid
33	18.55	0.02%	Borneol	Monoterpenol
34	18.97	0.09%	Terpinen-4-ol	Monoterpenol
35	19.22	0.01%	Cryptone	Monoterpene Ketone

ESSENTIAL VALIDATION SERVICES | 747 SW 2<sup>ND</sup> AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method  
 - This report may not be published without the consent of Essential Validation Services.  
 - Chromatograph image may be requested  
 - This report is valid for 1 year from the analyzed date

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Number	RT	Area %	Compound Name	Chemical Family
36	19.305	0.03%	para-Cymen-8-ol	Monoterpene Ketone
37	19.66	0.28%	alpha-Terpineol	Monoterpenol
38	20.01	0.07%	cis-Pinocarveol	Monoterpenol
39	20.68	0.38%	(Z)-Cinnamaldehyde	Phenylpropanoid
40	21.30	0.05%	Hydrocinnamyl alcohol	Phenylpropanoid
41	21.60	0.03%	ortho-Anisaldehyde	Simple Phenolic
42	22.35	0.02%	2-Phenylethyl acetate	Phenolic Ester
43	22.91	0.01%	Chavicol	Phenylpropanoid
44	23.38	55.01%	(E)-Cinnamaldehyde	Phenylpropanoid
45	23.97	0.10%	Safrole	Phenylpropanoid
46	24.47	0.01%	Carvacrol	Monoterpenol
47	24.68	0.03%	Cinnamyl alcohol	Phenylpropanoid
48	26.45	0.07%	alpha-Cubebene	Sesquiterpene
49	26.72	4.18%	Eugenol	Phenylpropanoid
50	27.36	0.04%	Hydrocinnamylacetate	Phenol
51	27.64	0.39%	alpha-Copaene	Sesquiterpene
52	28.19	0.04%	(Z)-Cinnamyl acetate	
53	29.47	6.24%	beta-Caryophyllene	Sesquiterpene
54	29.79	0.04%	Isocaryophyllene	Sesquiterpene
55	30.20	0.01%	Aromadendrene	Sesquiterpene
56	30.61	3.26%	(E)-Cinnamyl acetate	Phenylpropanoid Ester
57	30.74	0.03%	25.95 Isobornyl isobutanoate	0.00
58	30.90	0.26%	alpha-Humulene	Sesquiterpene
59	31.75	0.01%	gamma-Murolene	Sesquiterpene
60	32.05	0.02%	ar-Curcumene	Sesquiterpene
61	32.39	0.01%	Viridiflorene	Sesquiterpene
62	32.55	Co-Eluting	alpha-Selinene	Sesquiterpene
63	32.73	0.02%	alpha-Murolene	Sesquiterpene
64	33.15	0.03%	beta-Bisabolene	Sesquiterpene
65	33.26	0.01%	gamma-Cadinene	Sesquiterpene
66	33.52	0.08%	beta-Cadinene	Sesquiterpene
67	33.83	0.36%	(E)-2-Methoxycinnamaldehyde	Phenylpropanoid
68	34.12	0.01%	alpha-Dehydro-ar-himachalene	Sesquiterpene
69	34.20	0.01%	alpha-Cadinene	Sesquiterpene
70	34.34	0.03%	alpha-Calacorene	Sesquiterpene
71	34.44	0.02%	trans-alpha-Bisabolene	Sesquiterpene

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