

Client



Source



Cinnamon Leaf (*Cinnamomum zeylanicum*)
MG-59249

Sample

Cinnamon Leaf (*Cinnamomum zeylanicum*)
Batch #:..... MG-59249
Type:..... Essential Oil
CAS Number:... 8015-91-6
Nature's Gift

Client



Website

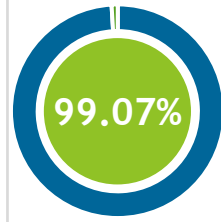
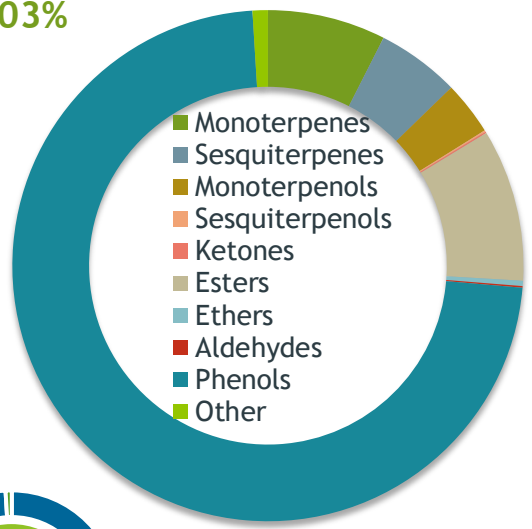


Primary

66.11% Eugenol
4.40% Eugenyl Acetate
3.94% beta-Caryophyllene

Phenols

72.03%



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 Cinnamon Leaf (*Cinnamomum zeylanicum*)

Internal Number: | EVS-4958



Essential Validation Services

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

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

Alan Christen

Monoterpenes	7.	7.41%
Sesquiterpenes	5	5.21%
Monoterpenols		3.36%
Sesquiterpenols		0.10%
Ketones		0.09%
Esters	9.5	9.55%
Ethers		0.33%
Aldehydes		0.10%
Phenols	72.03%	72.03
Other		0.96%

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Total Percentage		99.07%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.88	0.01%	2-Hexanone	Aliphatic Ketone
2	4.11	0.01%	Hexanal	Aliphatic Aldehyde
3	5.91	0.01%	1-Hexanol	Aliphatic Alcohol
4	6.52	0.05%	Styrene	Phenylpropanoid
5	7.57	0.01%	Tricyclene	Monoterpene
6	7.73	0.19%	alpha-Thujene	Monoterpene
7	7.97	1.35%	alpha-Pinene	Monoterpene
8	8.57	0.52%	Camphene	Monoterpene
9	9.06	0.32%	Benzaldehyde	Simple Phenolic
10	9.51	0.01%	Sabinene	Monoterpene
11	9.67	0.41%	beta-Pinene	Monoterpene
12	10.08	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
13	10.26	0.16%	Myrcene	Monoterpene
14	10.89	1.47%	alpha-Phellandrene	Monoterpene
15	10.99	0.11%	delta-3-Carene	Monoterpene
16	11.36	0.23%	alpha-Terpinene	Monoterpene
17	11.49	0.02%	para-Cymene	Monoterpene
18	11.69	1.36%	o-Cymene	Monoterpene
19	11.92	1.28%	beta-Phellandrene	Monoterpene
20	11.99	0.23%	1,8-Cineole	Monoterpene Ether
21	12.12	0.08%	Benzyl alcohol	Simple Phenolic
22	12.28	0.03%	(Z)-beta-Ocimene	Monoterpene
23	12.73	0.06%	(E)-beta-Ocimene	Monoterpene
24	13.20	0.05%	gamma-Terpinene	Monoterpene
25	13.47	0.01%	Acetophenone	Simple Phenolic
26	13.75	0.03%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
27	14.41	0.13%	Isoterpinolene	Monoterpene
28	14.47	0.03%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
29	14.62	0.02%	para-Cymenene	Monoterpene
30	15.15	2.42%	Linalool	Monoterpenol
31	15.30	0.10%	2-Methylbutyl 2-methylbutyrate	Aliphatic Ester
32	16.17	0.01%	cis-para-Menth-2-en-1-ol	Monoterpenol
33	16.27	0.01%	alpha-Campholene aldehyde	Monoterpene Aldehyde
34	16.86	0.02%	alpha-Pinocarveol	Monoterpenol
35	17.00	0.02%	trans-para-Menth-2-en-1-ol	Monoterpenol

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Number	RT	Area %	Compound Name	Chemical Family
36	17.115	0.04%	Camphor	Monoterpenol
37	17.94	0.13%	Benzyl acetate	Phenolic Ester
38	18.31	0.10%	Borneol	Monoterpenol
39	18.73	0.19%	Terpinen-4-ol	Monoterpenol
40	18.98	0.01%	Cryptone	Monoterpene Ketone
41	19.07	0.04%	para-Cymen-8-ol	Monoterpenol
42	19.42	0.40%	alpha-Terpineol	Monoterpenol
43	19.76	0.04%	cis-Pinocarveol	Monoterpenol
44	20.05	0.01%	Decanal	Aliphatic Aldehyde
45	21.01	0.06%	16.87 Hydrocinnamyl alcohol	0.00
46	21.61	0.01%	Carvone	Monoterpene Ketone
47	21.81	0.01%	Carvotanacetone	Monoterpene Ketone
48	22.03	0.02%	Nerol	Monoterpenol
49	22.15	0.15%	Chavicol	Phenylpropanoid
50	22.87	2.33%	(E)-Cinnamaldehyde	Phenylpropanoid
51	23.64	2.78%	Safrole	Phenylpropanoid
52	23.89	0.01%	Thymol	Monoterpenol
53	24.22	0.03%	Carvacrol	Monoterpenol
54	24.47	0.08%	Cinnamyl alcohol	Phenylpropanoid
55	26.70	66.11%	Eugenol	Phenylpropanoid
56	27.15	0.12%	Hydrocinnamylacetate	Phenol
57	27.40	0.39%	alpha-Cubebene	Sesquiterpene
58	27.86	0.01%	Benzyl isovalerate	Phenolic Ester
59	28.01	0.02%	beta-Elemene	Sesquiterpene
60	28.29	0.02%	1-Tetradecene	Alkene
61	28.97	0.01%	Dodecanal	Aliphatic Aldehyde
62	29.19	3.94%	beta-Caryophyllene	Sesquiterpene
63	29.95	0.04%	beta-Humulene	0.00
64	30.34	2.12%	(E)-Cinnamyl acetate	Phenylpropanoid Ester
65	30.64	0.68%	alpha-Humulene	Sesquiterpene
66	30.82	0.01%	Aromadendrene	Sesquiterpene
67	31.37	0.01%	cis-Muurola-3,5-diene	Sesquiterpene
68	31.50	0.01%	cis-Cadina-1(6),4-diene	Sesquiterpene
69	31.99	0.04%	gamma-Muurolene	Sesquiterpene
70	32.13	0.06%	gamma-Gurjunene	Sesquiterpene
71	32.47	0.02%	alpha-Amorphene	Sesquiterpene

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72	33.01	0.03%	beta-Cadinene	Sesquiterpene
73	33.21	4.40%	Eugenyl Acetate	Phenylpropanoid Ester
74	35.61	0.76%	31.35 Longipinanol<epi->	0.00
75	35.79	0.02%	Maaliol	Sesquiterpenol
76	36.67	0.10%	Caryophyllene oxide	Sesquiterpene Ether
77	37.05	0.06%	Tetradecanal	Sesquiterpene Aldehyde
78	37.48	0.01%	Guaiol	Sesquiterpenol
79	37.58	0.02%	Isospathulenol	Sesquiterpenol
80	38.45	0.05%	Pogostol	Sesquiterpenol
81	39.00	0.04%	allo-Aromadendrene epoxide	Sesquiterpene Ester
82	42.40	2.72%	Benzyl benzoate	Phenolic Ester
83	45.39	0.03%	2-Phenylethyl benzoate	Phenolic Ester

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