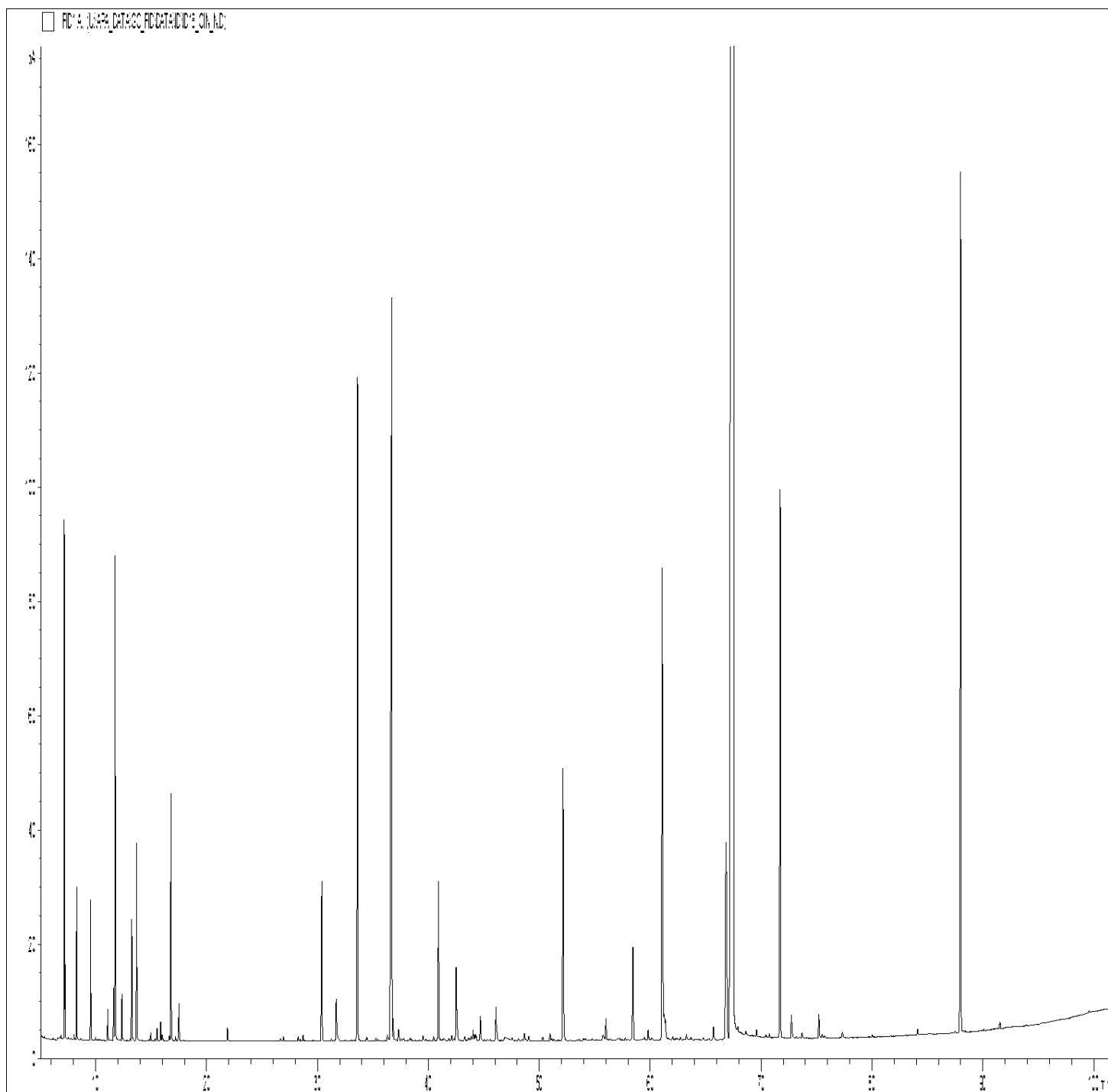


## GCMS ANALYSIS

**PRODUCT NAME: CINNAMON LEAF ESSENTIAL OIL - 11034**

**DATE: August 23, 2022**



*Due to volume turnover, this report is not lot specific, It is representative of the quality of this oil produced by the manufacturer of this product, Specific lots may vary slightly as is the case in natural products,*

### GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CINNAMON LEAF ESSENTIAL OIL - 11034

Peak	RT (min)	Compound	%
1	6.85	TRICYCLEN	0.01
2	7.16	$\alpha$ -PINENE	0.89
3	7.22	$\alpha$ -THUYENE	0.13
4	8.04	$\alpha$ -FENCHENE	0.02
5	8.27	CAMPHE	0.29
6	9.54	$\beta$ -PINENE	0.29
7	11.06	$\delta$ 3-CARENE	0.07
8	11.60	$\beta$ -MYRCENE	0.12
9	11.74	$\alpha$ -PHELLANDRENE	1.09
10	12.35	$\alpha$ -TERPINENE	0.11
11	13.23	LIMONENE	0.29
12	13.68	1,8-CINEOLE	0.49
13		$\beta$ -PHELLANDRENE	
14	14.96	cis- $\beta$ -OCIMENE	0.02
15	15.52	$\gamma$ -TERPINENE	0.03
16	15.84	trans- $\beta$ -OCIMENE	0.05
17	15.98	STYRENE	0.02
18	16.62	m-CYMENE	0.01
19	16.77	p-CYMENE	0.63
20	17.18	ISOTERPINOLENE	0.01
21	17.49	TERPINOLENE	0.12
22	21.87	2-PENTANONE, 4-HYDROXY-4-METHYL-	0.04
23	26.64	$\alpha$ ,p-DIMETHYLSTYRENE	0.01
24	26.92	LINALOOL cis-OXIDE	0.01
25	28.24	$\alpha$ -CUBEBENE	0.02
26	28.69	LINALOOL trans-OXIDE	0.02
27	30.37	$\alpha$ -COPAENE	0.52
28	31.24	CAMPHOR	0.01
29	31.67	BENZALDEHYDE	0.19
30	33.62	LINALOOL	2.04

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### GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CINNAMON LEAF ESSENTIAL OIL - 11034

Peak	RT (min)	Compound	%
31	34.45	trans-p-MENTH-2-EN-1-OL	0.01
32	35.29	ISOCARYOPHYLLENE	0.01
33	36.32	β-ELEMENE	0.03
34	36.69	<b>β-CARYOPHYLLENE</b>	<b>3.27</b>
35	36.83	TERPINENE-4-OL	0.08
36	37.30	AROMADENDRENE	0.05
37	37.77	HOTRIENOL	0.01
38	38.37	cis-p-MENTH-2-EN-1-OL	0.02
39	39.52	SESQUITERPENE	0.02
40	40.47	ZONARENE	0.02
41	40.92	α-HUMULENE	0.55
42	41.42	CARVOTANACETONE	0.02
43	41.84	LAVANDULAL	0.01
44	42.12	γ-MUUROLENE	0.02
45	42.51	α-TERPINEOL	0.24
46	42.57	BORNEOL	0.07
47	43.30	GERMACRENE D	0.02
48	43.64	SESQUITERPENE	0.01
49	43.84	β-SELINENE	0.02
50	44.04	BENZYL ACETATE	0.04
51	44.18	α-SELINENE	0.02
52	44.30	α-MUUROLENE	0.02
53	44.70	BICYCLOGERMACRENE	0.09
54	46.10	δ-CADINENE	0.12
55	46.18	γ-CADINENE	0.03
56	46.94	BENZENEPROPANAL	0.07
57	47.57	CADINA-1,4-DIENE	0.02
58	48.13	α-AMORPHENE	0.01
59	48.67	trans-SABINOL	0.04
60	49.05	2-PHENYLETHYL ACETATE	0.02

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: CINNAMON LEAF ESSENTIAL OIL - 11034**

Peak	RT (min)	Compound	%
61	50.32	CALAMENENE	0.01
62	50.97	p-CYMENE-8-OL	0.02
63	51.11	GERANIOL	0.01
64	52.15	SAFROLE	0.98
65	54.17	PHENYLETHYL ALCOHOL	0.02
66	55.74	ALIPHATIC COMPOUND	0.03
67	56.01	BENZENE PROPANOL ACETATE	0.08
68	58.46	CARYOPHYLLENE OXIDE	0.37
69	59.82	METHYLEUGENOL	0.03
70	61.09	<b>E-CINNAMALDEHYDE</b>	<b>1.93</b>
71	61.22	PROPANOL, 3-PHENYL-	0.12
72	61.38	EPOXY-6,7-HUMULENE	0.10
73	62.05	Epi-CUBENOL	0.01
74	62.75	CUBENOL	0.01
75	63.28	GLOBULOL	0.02
76	65.71	SPATHULENOL	0.05
77	66.87	<b>CINNAMYL ACETATE</b>	<b>1.23</b>
78	67.52	<b>EUGENOL</b>	<b>76.66</b>
79	68.64	T-CADINOL	0.03
80	69.60	CARVACROL	0.02
81	70.46	α-NOOKATOL	0.03
82	70.74	α-CADINOL	0.04
83	71.74	<b>EUGENYL ACETATE</b>	<b>1.95</b>
84	72.76	CINNAMIC ALCOHOL	0.10
85	73.71	CARYOPHYLLA-2,6-DIEN-5-α-OL	0.02
86	75.22	CHAVICOL	0.09
87	75.53	SESQUITERPENIC OXIDE	0.01
88	77.34	SESQUITERPENIC OXIDE	0.03
89	84.12	EUGENOL, METHOXY-	0.02
90	88.01	<b>BENZYL BENZOATE</b>	<b>3.35</b>

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**GCMS ANALYSIS (cont'd,)**

**PRODUCT NAME: CINNAMON LEAF ESSENTIAL OIL – 11034**

Peak	RT (min)	Compound	%
91	91.55	2-PHENYLETHYL BENZOATE	0.03
		<b>TOTAL</b>	<b>99.89</b>

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