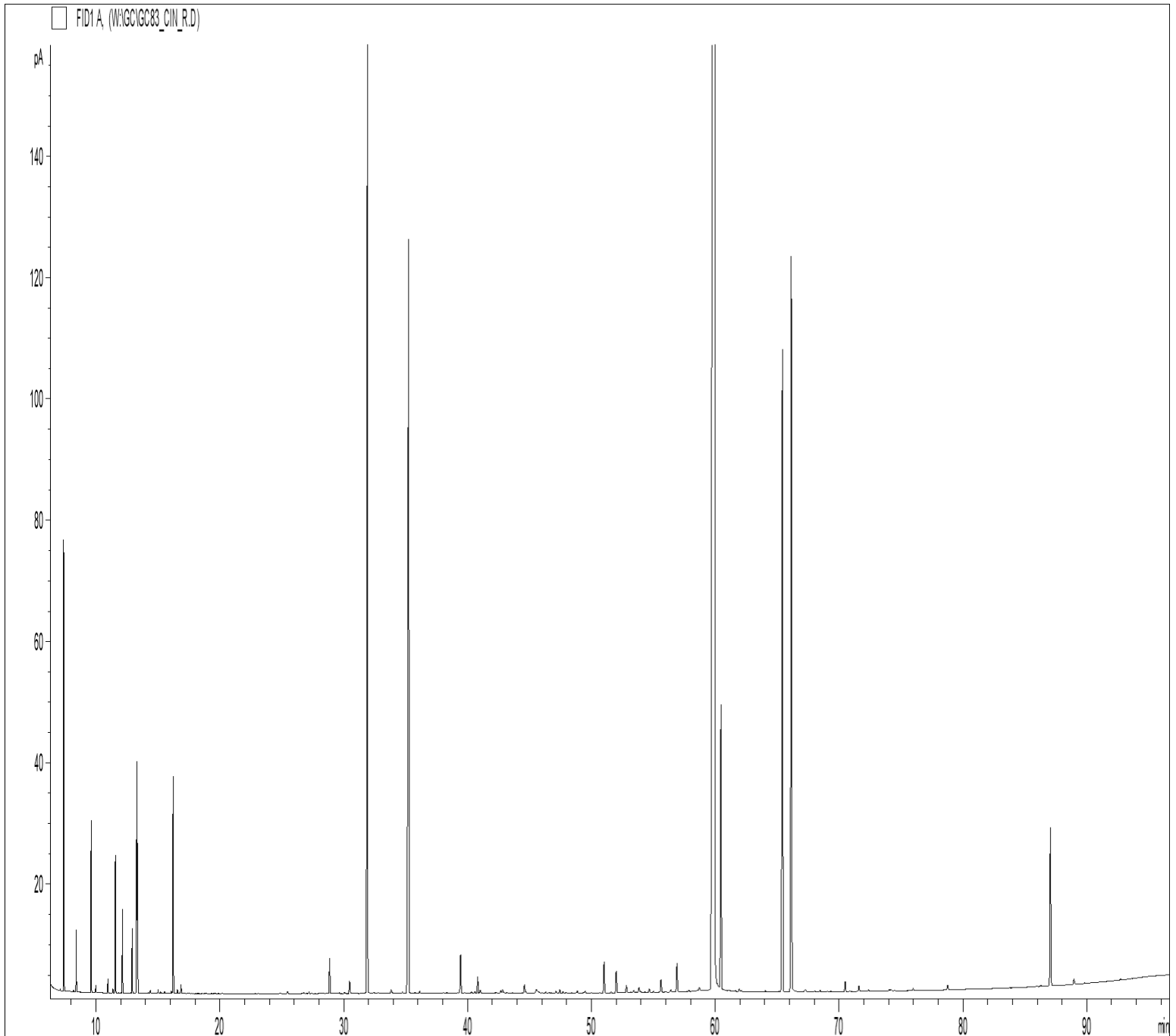


GCMS ANALYSIS

PRODUCT NAME: CINNAMON BARK ESSENTIAL OIL (CEYLON) - 113 40  
DATE: November 10, 2021



*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 BARK ESSENTIAL OIL (CEYLON) - 113 40

Peak	RT (min)	Compound name	%
1	7,38	<b>alpha-PINENE</b>	<b>1,19</b>
2	7,40	<b>alpha-THUYENE</b>	<b>0,10</b>
3	8,40	CAMPHENE	0,20
4	9,60	beta-PINENE	0,60
5	9,98	SABINENE	0,03
6	10,95	delta3-CARENE	0,05
7	11,35	beta-MYRCENE	0,02
8	11,56	<b>alpha-PHELLANDRENE</b>	<b>0,52</b>
9	12,13	alpha-TERPINENE	0,33
10	12,91	<b>LIMONENE</b>	<b>0,27</b>
11	13,28	<b>1,8-CINEOLE</b>	<b>1,02</b>
12	13,35	<b>beta-PHELLANDRENE</b>	<b>0,60</b>
13	14,38	cis-beta-OCIMENE	0,01
14	15,01	gamma-TERPINENE	0,02
15	16,07	m-CYMENE	0,01
16	16,22	<b>p-CYMENE</b>	<b>1,01</b>
17	16,56	TERPINOLENE	0,02
18	16,86	2-METHYLBUTYL 3-METHYLBUTYRATE	0,04
19	25,45	LINALOOL cis-OXIDE	0,02
20	27,21	LINALOOL trans-OXIDE	0,01
21	28,86	<b>alpha-COPAENE</b>	<b>0,21</b>
22	30,47	BENZALDEHYDE	0,08
23	31,91	<b>LINALOOL</b>	<b>6,00</b>
24	33,83	ISOCARYOPHYLLENE	0,04
25	34,74	beta-ELEMENE	0,02
26	35,23	<b>beta-CARYOPHYLLENE</b>	<b>5,80</b>
27	35,35	TERPINENE-4-OL	0,06
28	35,77	AROMADENDRENE	0,01
29	36,14	SESQUITERPENE	0,02
30	39,22	SESQUITERPENE	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CINNAMON BARK ESSENTIAL OIL (CEYLON) - 113 40

Peak	RT (min)	Compound name	%
31	39,44	alpha-HUMULENE	0,27
32	40,33	SESQUITERPENE	0,02
33	40,59	gamma-MUUROLENE	0,01
34	40,81	alpha-TERPINEOL	0,11
35	41,03	LEDENE	0,03
36	42,69	alpha-SELINENE + alpha-MUUROLENE	0,03
37	42,84	beta-BISABOLENE	0,03
38		BENZOFURAN, 2-METHYL-	
39	44,59	delta-CADINENE	0,06
40	44,70	gamma-CADINENE	0,01
41	45,54	BENZENEPROPANAL + alpha-CURCUMENE	0,06
42	47,14	AROMATIC COMPOUND	0,02
43	47,44	AROMATIC COMPOUND	0,03
44	47,71	AROMATIC COMPOUND	0,01
45	48,86	trans-CALAMENENE	0,02
46	49,50	p-CYMENE-8-OL	0,02
47	51,02	SAFROLE	0,22
48	51,59	ETHYL p-METHOXYCINNAMATE Mw=206 ISOMER	0,01
49	52,00	Z-CINNAMALDEHYDE	0,17
50	52,83	PHENYLETHYL ALCOHOL	0,06
51	53,42	alpha-CALACORENE	0,02
52	53,83	PHYTYL ACETATE	0,05
53	54,67	BENZENE PROPANOL ACETATE	0,03
54	55,62	BENZALDEHYDE, 2-METHOXY-	0,10
55	56,41	ISOCARYOPHYLLENE OXIDE	0,02
56	56,91	CARYOPHYLLENE OXIDE	0,21
57	57,87	AROMATIC COMPOUND	0,01
58	58,71	ISOCINNAMYL ACETATE	0,03
59	59,95	<b>E-CINNAMALDEHYDE</b>	<b>66,68</b>
60	60,46	ETHYL p-METHOXYCINNAMATE Mw=206	1,97

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CINNAMON BARK ESSENTIAL OIL (CEYLON) - 113 40

Peak	RT (min)	Compound name	%
61	61,93	AROMATIC COMPOUND	0,03
62	64,05	SPATHULENOL	0,01
63	65,43	<b>CINNAMYL ACETATE</b>	<b>4,56</b>
64	66,15	<b>EUGENOL</b>	<b>5,27</b>
65	67,28	AROMATIC COMPOUND	0,02
66	68,47	THYMOL	0,01
67	70,49	<b>EUGENYL ACETATE</b>	<b>0,07</b>
68	71,61	CINNAMIC ALCOHOL	0,05
69	72,39	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,01
70	74,06	AROMATIC ESTER	0,01
71	74,17	SESQUITERPENIC EPOXIDE	0,02
72	75,99	SESQUITERPENIC EPOXIDE	0,02
73	78,77	CINNAMALDEHYDE, 2-METHOXY-	0,04
74	87,07	<b>BENZYL BENZOATE</b>	<b>1,21</b>
75	88,97	alpha-PHELLANDRENE DIMERE ISOMER	0,04
		<b>TOTAL</b>	<b>99,96</b>

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