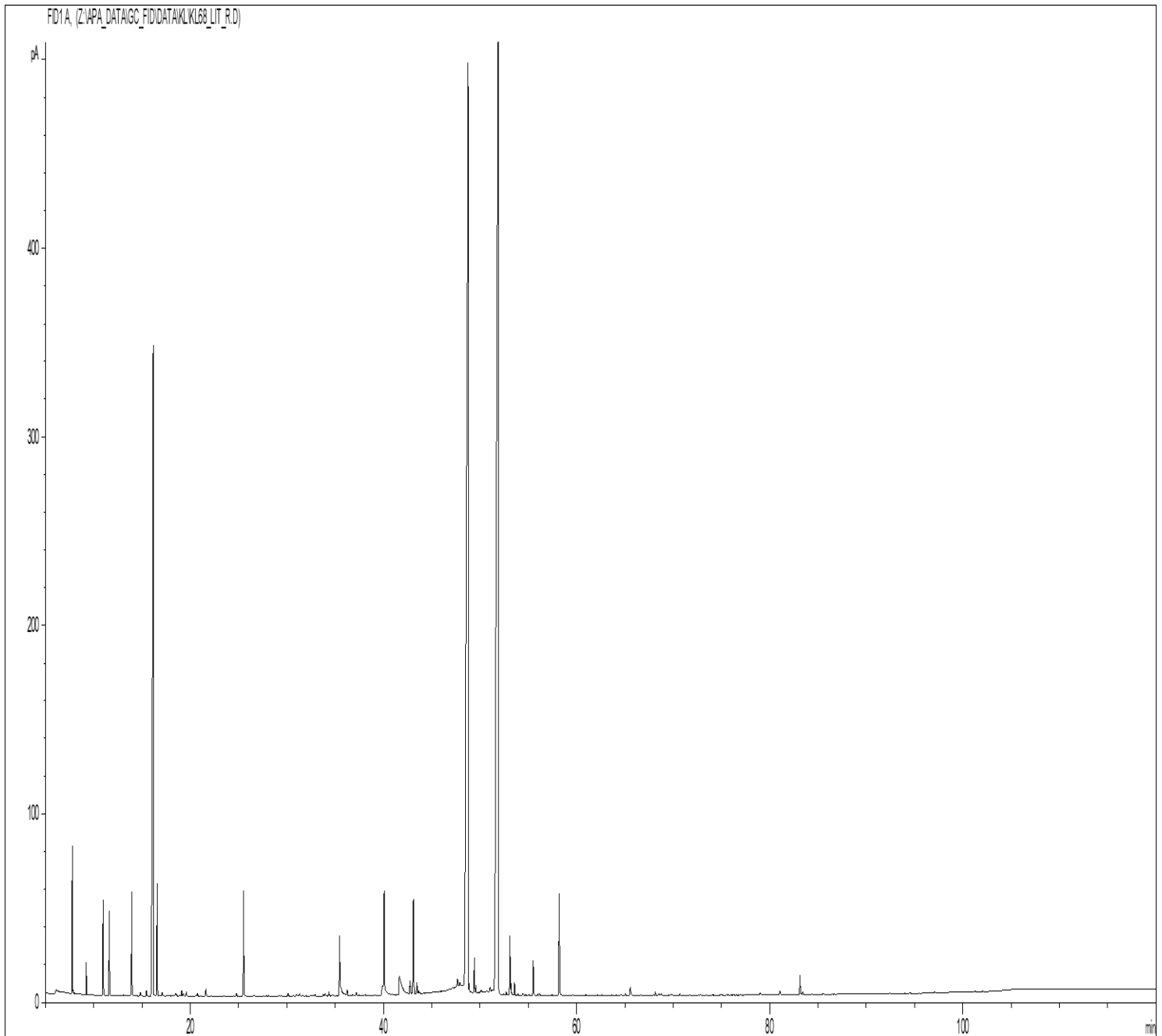


GCMS ANALYSIS

PRODUCT NAME: LITSEA CUBEBA ESSENTIAL OIL - 11085

DATE: January 3, 2024



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: LITSEA CUBEBA ESSENTIAL OIL - 11085

Peak	RT (min)	Compound	%
1	7.78	alpha-PINENE	1.10
2	7.87	alpha-THUYENE	0.03
3	9.22	CAMPHENE	0.28
4	10.98	beta-PINENE	0.93
5	11.62	SABINENE	0.83
6	13.93	beta-MYRCENE	1.12
7		alpha-PHELLANDRENE	
8	14.85	alpha-TERPINENE	0.03
9	15.45	1,8-CINEOLE, 2,3-DEHYDRO-	0.06
10	16.16	LIMONENE	11.84
11	16.56	1,8-CINEOLE	1.22
12		beta-PHELLANDRENE	
13	17.09	1,3,8-p-MENTHATRIENE	0.03
14	18.46	cis-beta-OCIMENE	0.03
15	19.09	gamma-TERPINENE	0.06
16	19.28	MENTHATRIENE ISOMER	0.03
17	19.58	trans-beta-OCIMENE	0.04
18	20.74	p-CYMENE	0.03
19	21.61	TERPINOLENE	0.08
20	24.76	4-NONANONE	0.03
21	25.52	5-HEPTEN-2-ONE, 6-METHYL-	1.21
22	30.13	ROSEFURAN	0.03
23	30.99	COMPOUND Mw=152	0.02
24	31.32	PERILLENE	0.02
25	32.91	LIMONENE cis-1,2-EPOXIDE	0.02
26	33.78	LIMONENE trans-1,2-EPOXIDE	0.02
27	33.95	alpha-CUBEBENE	0.03
28	34.36	5-HEPTEN-2-OL, 6-METHYL-	0.05
29	34.75	LINALOOL trans-OXIDE	0.01
30	35.46	CITRONELLAL	1.13

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GCMS ANALYSIS (cont'd.)
PRODUCT NAME: LITSEA CUBEBA ESSENTIAL OIL - 11085

Peak	RT (min)	Compound	%
31	36.24	alpha-COPAENE	0.07
32	36.81	DECANAL	0.01
33	37.20	EXO-ISOCITRAL	0.04
34	37.47	CAMPHOR	0.01
35	38.10	beta-BOURBONENE	0.04
36	39.08	SATIVENE	0.01
37	39.75	Z-ISOCITRAL	0.52
38	40.08	LINALOOL	1.09
39	41.65	E-ISOCITRAL	1.03
40	42.75	beta-ELEMENE	0.20
41	43.11	beta-CARYOPHYLLENE	1.44
42	43.45	TERPINENE-4-OL	0.13
43	43.64	ROSEFURAN OXIDE	0.04
44	45.08	cis-VERBENOL	0.02
45	47.66	alpha-HUMULENE	0.11
46	47.91	E-beta-FARNESENE	0.03
47	48.77	NERAL	32.07
48	48.86	COMPOUND Mw=152	0.09
49	49.41	alpha-TERPINEOL	0.45
50	49.56	BORNEOL	0.08
51	50.14	GERMACRENE D	0.03
52	51.04	PIPERITONE	0.05
53	51.90	GERANIAL	38.45
54	52.44	cis-ISOPIPERITENOL	0.02
55	52.72	trans-ISOPIPERITENOL	0.04
56	53.10	GERANYL ACETATE	0.71
57	53.21	delta-CADINENE	0.12
58	53.40	METHYL SALICYLATE	0.01
59	53.57	CITRONELLOL	0.15
60	53.92	PERILLALDEHYDE	0.02

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GCMS ANALYSIS (cont'd.)
PRODUCT NAME: LITSEA CUBEBA ESSENTIAL OIL - 11085

Peak	RT (min)	Compound	%
61	54.43	p-MENTHA-1,5-DIEN-8-OL	0.01
62	54.48	CADINA-1,4-DIENE	0.02
63	55.51	NEROL	0.43
64	56.00	cis-ISOGERANIOL	0.02
65	56.20	AROMATIC COMPOUND	0.02
66	58.20	GERANIOL	1.28
67	65.06	ISOCARYOPHYLLENE OXIDE	0.02
68	65.56	CARYOPHYLLENE OXIDE	0.11
69	65.57	SESQUITERPENIC COMPOUND	0.04
70	68.14	TERPENIC ALCOHOL	0.04
71	68.52	SESQUITERPENIC COMPOUND	0.02
72	68.74	CHRYSANTHENONE ISOMER	0.03
73	70.68	SESQUITERPENIC COMPOUND	0.02
74	72.84	SPATHULENOL	0.01
75	79.00	CITRONELLIC ACID	0.04
76	81.04	NERIC ACID	0.06
77	83.12	GERANIC ACID	0.27
78	83.43	ISOEUGENOL	0.04
79	84.37	AROMATIC COMPOUND	0.01
80	85.48	AROMATIC COMPOUND	0.02
81	92.41	SESQUITERPENIC COMPOUND	0.01
82	97.06	AROMATIC COMPOUND	0.02
83	101.22	SESQUITERPENIC COMPOUND	0.02
84	102.04	SESQUITERPENIC COMPOUND	0.01
		TOTAL	99.92

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