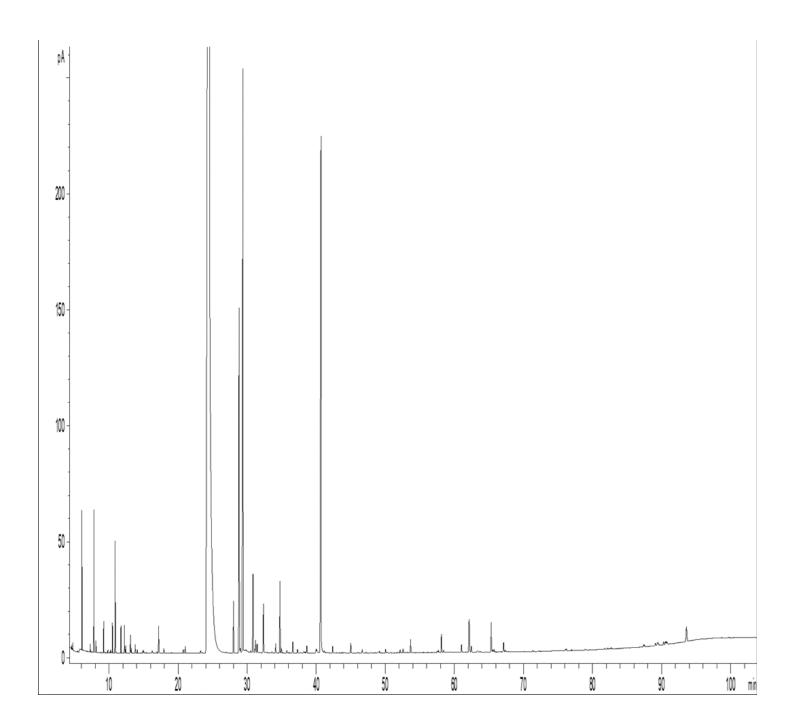


### **GCMS ANALYSIS**

PRODUCT NAME: EUCALYPTUS LEMON ESSENTIAL OIL (BRAZIL) - 11320

DATE: May 05, 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.



PRODUCT NAME: EUCALYPTUS LEMON ESSENTIAL OIL (BRAZIL) - 11320

Peak	RT (min)	Compound	%
1	4,61	METHYL-METHYLETHYL-CYCLOPENTANE ISOMER	0,01
2	4,75	ISOVALERALDEHYDE	0,03
3	6,07	alpha-PINENE	0,50
4	6,08	alpha-THUYENE	0,05
5	7,29	ISOBUTYL ISOBUTYRATE	0,03
6	7,81	beta-PINENE	0,69
7	8,11	SABINENE	0,06
8	9,21	beta-MYRCENE	0,17
9	9,38	alpha-PHELLANDRENE	0,01
10	9,84	alpha-TERPINENE	0,02
11	10,24	ISOAMYL ISOBUTYRATE	0,02
12	10,50	LIMONENE	0,19
13	10,89	1,8-CINEOLE	0,71
14	11,73	cis-beta-OCIMENE	0,17
15	12,24	gamma-TERPINENE	0,18
16	12,43	trans-beta-OCIMENE	0,05
17	13,10	3,8-p-MENTHADIENE	0,13
18	13,24	p-CYMENE	0,04
19	13,80	TERPINOLENE	0,06
20	14,09	TERPINOLENE ISOMER	0,03
21	14,93	COMPOUND Mw= 125	0,02
22	15,02	COMPOUND Mw= 125	0,02
23	16,26	ALIPHATIC ESTER	0,02
24	16,93	ALIPHATIC ESTER	0,01
25	17,19	TETRAMETHYL-CYCLOHEXANE ISOMER Mw=140	0,14
26	17,20	ROSE cis-OXIDE	0,11
27	17,95	ROSE trans-OXIDE	0,04
28	20,73	cis-p-MENTHANE-8-OL	0,03
29	21,03	trans-p-MENTHANE-8-OL	0,06
30	23,26	MENTHONE	0,04

### **Disclaimer & Caution**



PRODUCT NAME: EUCALYPTUS LEMON ESSENTIAL OIL (BRAZIL) - 11320

Peak	RT (min)	Compound	%
31	24,51	CITRONELLAL	72,95
32	28,03	LINALOOL	0,51
33	28,83	NEOISOPULEGOL	3,61
34	29,39	ISOPULEGOL	7,15
35	29,01	LINALYL ACETATE	0,05
36	30,52	BORNYL ACETATE	0,02
37	30,84	beta-CARYOPHYLLENE	0,78
38	31,11	TERPINENE-4-OL	0,04
39	31,22	ISOPULEGOL ISOMER	0,12
40	31,46	COMPOUND Mw=154	0,09
41	32,35	ISOISOPULEGOL	0,47
42	33,60	SESQUITERPENE	0,02
43	34,12	MELONOL	0,09
44	34,74	CITRONELLYL ACETATE	0,67
45	34,95	alpha-HUMULENE	0,05
46	35,75	gamma-MUUROLENE	0,03
47	36,60	alpha-TERPINEOL	0,11
48	37,27	GERMACRENE D	0,04
49	38,22	alpha-MUUROLENE	0,02
50	38,46	BICYCLOGERMACRENE	0,02
51	38,64	GERANIAL	0,08
52	39,97	delta-CADINENE	0,04
53	40,07	GERANYL ACETATE	0,03
54	40,68	CITRONELLOL	6,70
55	41,18	2-PHENYLMETHYL ISOBUTYRATE	0,02
56	42,38	NEROL	0,06
57	45,00	GERANIOL	0,10
58	46,67	2-PHENYLETHYL ISOBUTYRATE	0,04
59	49,17	COMPOUND Mw=154	0,03
60	50,04	trans-JASMONE	0,04

### **Disclaimer & Caution**



PRODUCT NAME: EUCALYPTUS LEMON ESSENTIAL OIL (BRAZIL) - 11320

Peak	RT (min)	Compound	%
61	52,16	CARYOPHYLLENE EPOXIDE	0,04
62	52,57	ALIPHATIC ALCOHOL	0,05
63	53,66	METHYLEUGENOL	0,13
64	57,46	GERANYLCITRONELLAL ISOMER	0,01
65	57,57	GERANYLCITRONELLAL ISOMER	0,01
66	57,69	GERANYLCITRONELLAL ISOMER	0,02
67	58,12	EUGENOL	0,19
68	61,04	4-VINYL-GUAIACOL	0,09
69	62,14	CITRONELLYL CITRONELLATE	0,57
70	62,44	ALIPHATIC ESTER	0,07
71	63,38	ALIPHATIC ESTER	0,03
72	63,69	alpha-MUUROLOL	0,01
73	65,33	CITRONELLIC ACID	0,31
74	65,58	CITRONELLYL CITRONELLATE ISOMER	0,03
75	65,75	CITRONELLYL CITRONELLATE ISOMER	0,03
76	67,13	CITRONELLYL CITRONELLATE ISOMER	0,10
77	67,35	CITRONELLYL CITRONELLATE ISOMER	0,01
78	67,42	CITRONELLYL CITRONELLATE ISOMER	0,02
79	71,36	GERANYLCITRONELLAL ISOMER	0,01
80	76,09	SESQUITERPENOL	0,02
81	76,25	SESQUITERPENIC EPOXIDE	0,03
82	77,00	SESQUITERPENIC EPOXIDE	0,01
83	78,98	CITRONELLIC ESTER	0,02
84	81,79	CITRONELLIC ESTER	0,01
85	82,17	CITRONELLIC ESTER	0,01
86	82,72	CITRONELLIC ESTER	0,01
87	87,41	CITRONELLIC ESTER	0,02
88	87,53	CITRONELLIC ESTER	0,02
89	89,14	CITRONELLIC ESTER	0,03
90	89,37	CITRONELLIC ESTER	0,02

#### Disclaimer & Caution



PRODUCT NAME: EUCALYPTUS LEMON ESSENTIAL OIL (BRAZIL) - 11320

Peak	RT (min)	Compound	%
91	89,47	CITRONELLIC ESTER	0,05
92	89,53	CITRONELLIC ESTER	0,01
93	90,30	CITRONELLIC ESTER	0,03
94	90,55	CITRONELLIC ESTER	0,03
95	90,66	CITRONELLIC ESTER	0,04
96	90,82	CITRONELLIC ESTER	0,03
97	93,63	CITRONELLIC ESTER	0,27
		TOTAL	100,00

### **Disclaimer & Caution**