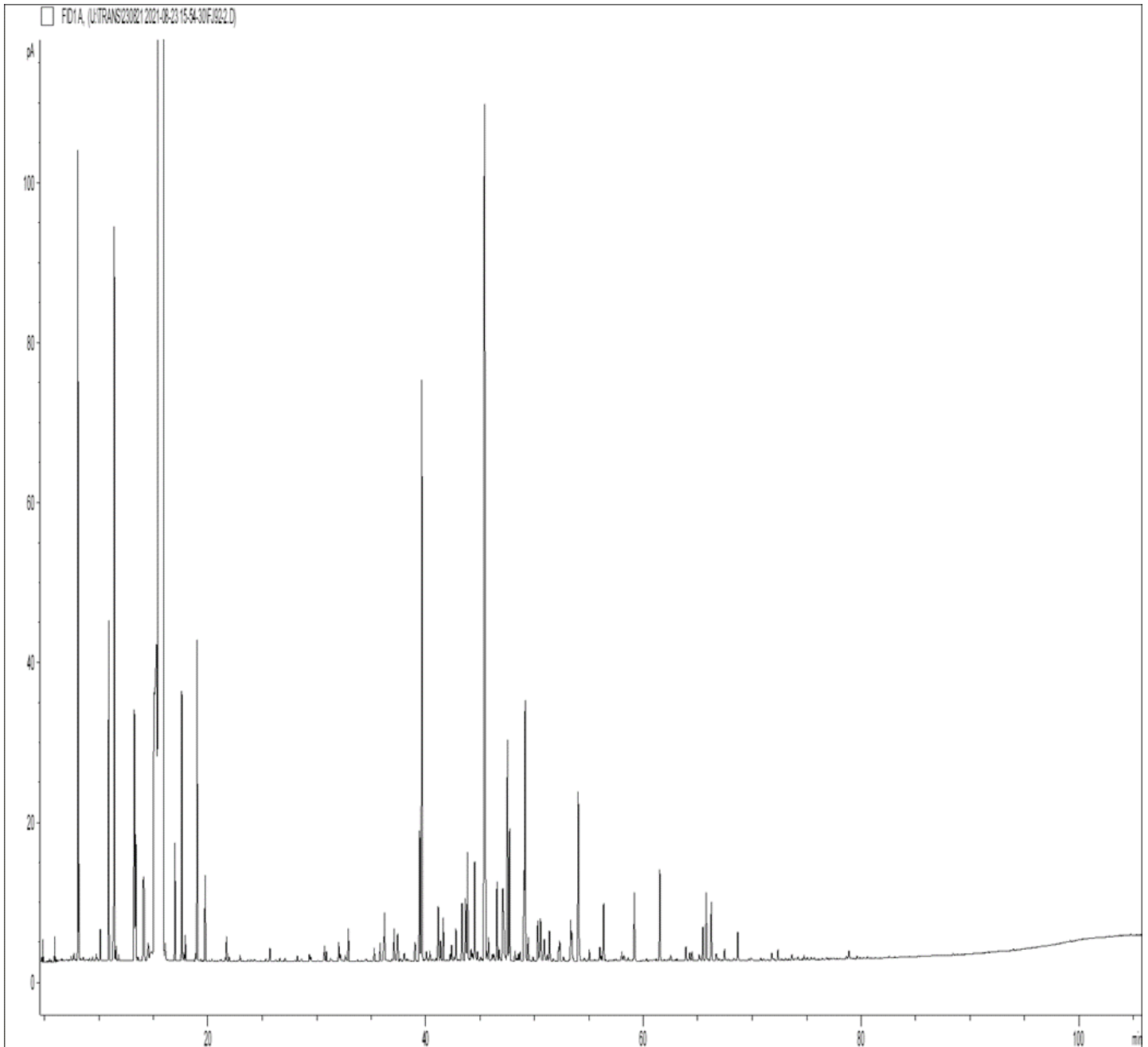


GCMS ANALYSIS

PRODUCT NAME: EUCALYPTUS ESSENTIAL OIL (BLUE MALLEE) - 11238
DATE: August 26, 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: EUCALYPTUS ESSENTIAL OIL (BLUE MALLEE) - 11238

Peak	RT (min)	Compound	%
1	4,86	ACETONE	0,02
2	5,92	ISOVALERALDEHYDE	0,02
3	8,08	alpha-PINENE	0,78
4	8,16	alpha-THUYENE	0,09
5	10,12	ISOBUTYL ISOBUTYRATE	0,03
6	10,90	beta-PINENE	0,44
7	11,30	ISOAMYL ACETATE	0,03
8	11,42	SABINENE	0,94
9	11,57	PINADIENE	0,02
10	13,25	beta-MYRCENE	0,45
11	13,38	alpha-PHELLANDRENE	0,23
12	14,11	alpha-TERPINENE	0,22
13	14,47	2-PENTYL PROPIONATE	0,01
14	14,53	1,8-CINEOLE, 2,3-DEHYDRO-	0,04
15	14,81	AMYL ISOBUTYRATE	0,05
16	15,28	LIMONENE	2,12
17	15,94	1,8-CINEOLE	85,15
18	16,08	1,3,8-p-MENTHATRIENE	0,03
19	16,98	cis-beta-OCIMENE	0,14
20	17,62	gamma-TERPINENE	0,33
21	17,92	trans-beta-OCIMENE	0,03
22	19,01	p-CYMENE	0,41
23	19,74	TERPINOLENE	0,11
24	21,71	3-HEXEN-1-OL ACETATE	0,03
25	25,69	3-HEXEN-1-OL	0,02
26	29,32	alpha-p-DIMETHYLSTYRENE	0,01
27	29,43	LINALOOL cis-OXIDE	0,01
28	30,71	alpha-CUBEBENE	0,03
29	30,87	trans-THUYANOL	0,02
30	32,01	CITRONELLAL	0,03

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: EUCALYPTUS ESSENTIAL OIL (BLUE MALLEE) - 11238

Peak	RT (min)	Compound	%
31	32,16	BICYCLOELEMENE	0,01
32	32,62	alpha-CAMPHOLENAL	0,01
33	32,89	alpha-COPAENE	0,05
34	35,28	alpha-GURJUNENE	0,02
35	35,82	beta1-CUBEBENE	0,03
36	36,15	cis-THUYANOL	0,01
37	36,21	LINALOOL	0,07
38	37,10	trans-p-MENTH-2-EN-1-OL	0,05
39	37,43	PINOCARVONE	0,05
40	37,50	COMPOUND Mw=152	0,02
41	38,05	2,4-NONADIENAL	0,02
42	39,03	3,5-HEPTADIENE-2-ONE, 6-METHYL-	0,04
43	39,30	beta-ELEMENE	0,04
44	39,45	beta-CARYOPHYLLENE	0,18
45	39,64	TERPINENE-4-OL	0,93
46	40,07	AROMADENDRENE	0,02
47	41,15	MYRTENAL	0,11
48	41,36	SABINAKETONE	0,04
49	41,61	CADINA-3,5-DIENE	0,07
50	42,25	COMPOUND Mw=168	0,01
51	42,40	ALLO-AROMADENDRENE	0,03
52	42,78	trans-PINOCARVEOL	0,06
53	43,34	ZONARENE	0,11
54	43,66	CRYPTONE	0,12
55	43,84	delta-TERPINEOL	0,12
56	43,90	alpha-HUMULENE	0,06
57	44,16	trans-VERBENOL	0,02
58	44,29	cis-PIPERITOL	0,02
59	44,50	NERAL	0,16
60	44,77	LAVANDULAL	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: EUCALYPTUS ESSENTIAL OIL (BLUE MALLEE) - 11238

Peak	RT (min)	Compound	%
61	45,39	alpha-TERPINEOL	1,56
62	45,44	TERPENYL ACETATE	0,66
63	45,62	LEDENE	0,02
64	45,77	VERBENONE	0,04
65	46,24	SESQUITERPENE	0,02
66	46,56	GERMACRENE D	0,14
67	46,75	PHELLANDRAL	0,02
68	47,09	EXO-2-HYDROXYCINEOLE ACETATE	0,13
69	47,14	PIPERITONE	0,05
70	47,19	MENTHADIENOL ISOMER	0,04
71	47,25	cis-alpha-BISABOLENE	0,05
72	47,40	CARVONE	0,05
73	47,52	GERANIAL	0,28
74	47,71	BICYCLOGERMACRENE	0,22
75	48,21	trans-PIPERITOL	0,02
76	48,65	trans-ISOPIPERITENOL	0,02
77	49,02	GERANYL ACETATE	0,14
78	49,14	delta-CADINENE	0,48
79	49,42	CITRONELLOL	0,04
80	50,30	CUMINAL	0,07
81	50,55	CADINA-1,4-DIENE	0,08
82	50,90	MYRTENOL	0,05
83	51,19	MENTHADIENOL ISOMER	0,01
84	51,37	NEROL	0,05
85	52,21	NERYL BUTYRATE	0,02
86	52,31	2-PHENYLETHYL ACETATE	0,03
87	53,32	CALAMENENE	0,07
88	53,42	trans-CARVEOL	0,05
89	54,01	GERANIOL	0,28
90	54,09	p-CYMENE-8-OL	0,03

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: EUCALYPTUS ESSENTIAL OIL (BLUE MALLEE) - 11238

Peak	RT (min)	Compound	%
91	55,03	cis-CARVEOL	0,02
92	55,99	2-PHENYLETHYL METHOXY-ACETATE	0,02
93	56,34	Epi-CUBEBOL	0,10
94	58,00	alpha-CALACORENE	0,02
95	59,16	CUBEBOL	0,12
96	61,51	CARYOPHYLLENE EPOXIDE	0,17
97	62,51	SESQUITERPENIC EPOXIDE	0,01
98	63,91	LEDOL	0,02
99	64,25	PHOTOSANTALOL ISOMER	0,02
100	64,46	EPOXY-6,7-HUMULENE	0,02
101	65,11	p-MENTHA-1,4-DIEN-7-OL	0,01
102	65,46	Epi-CUBENOL	0,06
103	65,77	CUBENOL	0,12
104	66,23	GLOBULOL	0,10
105	66,70	VIRIDIFLOROL	0,02
106	67,46	CUMINOL	0,02
107	68,67	SPATHULENOL	0,05
108	71,80	alpha-MUUROLOL	0,01
109	72,36	delta-CADINOL	0,02
		TOTAL	99,94

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