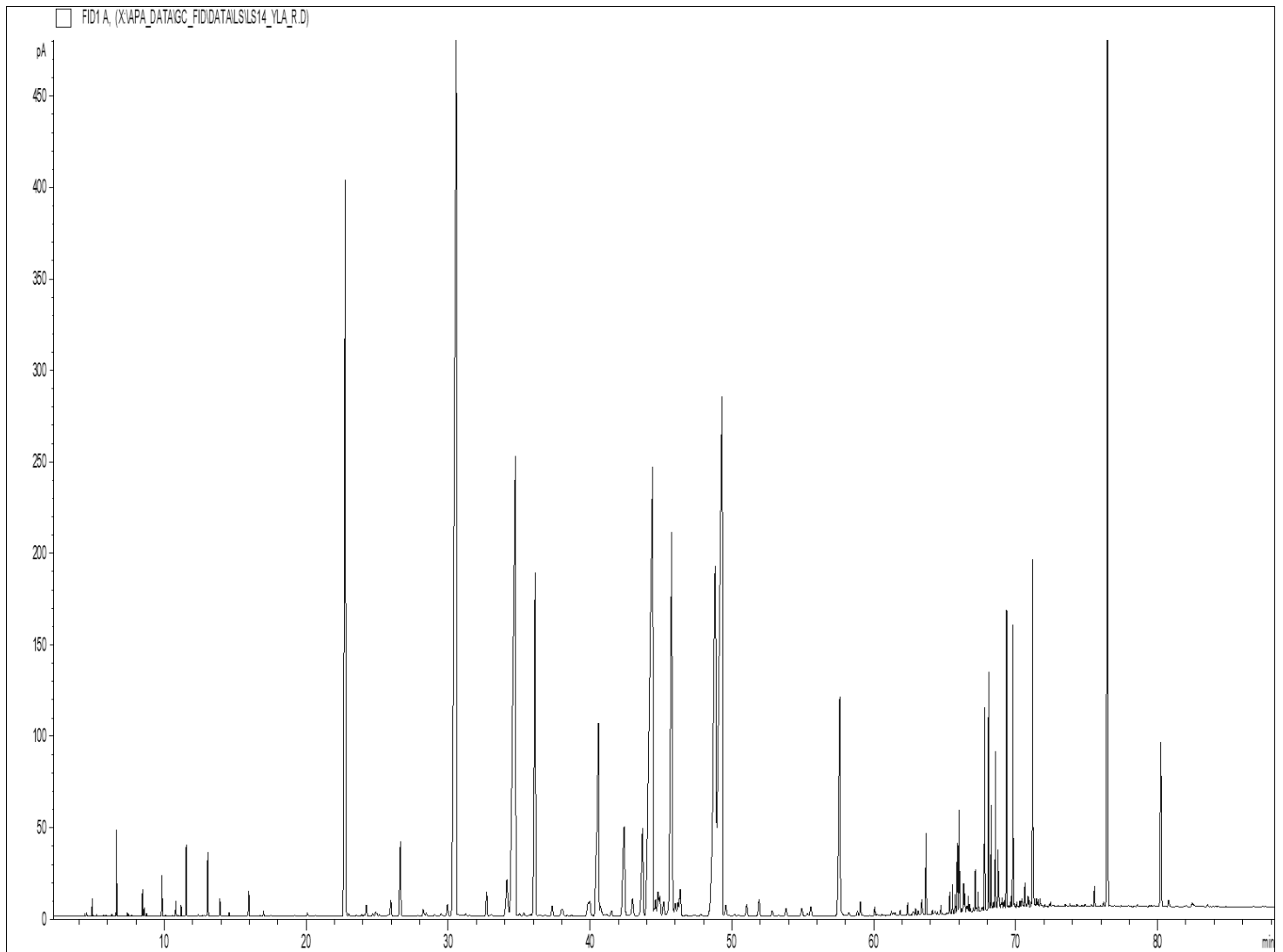


GCMS ANALYSIS

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1)

DATE: May 22, 2024



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: YLANG YLANG ESSENTIAL OIL (#1)

Peak	RT (min)	Compound	%
1	4,91	ETHYL ACETATE	0,04
2	6,63	alpha-PINENE	0,26
3	7,40	BUTYL ACETATE	0,01
4	8,46	beta-PINENE	0,10
5	8,59	SABINENE	0,04
6	8,75	ALIPHATIC ESTER	0,01
7	9,83	beta-MYRCENE	0,15
8	10,81	ISOPRENYL ACETATE	0,06
9	11,19	LIMONENE	0,04
10	11,54	1,8-CINEOLE	0,31
11	13,06	PRENYL ACETATE	0,30
12	13,92	HEXYL ACETATE	0,08
13	14,57	TERPINOLENE	0,02
14	15,95	3-HEXEN-1-OL ACETATE	0,13
15	16,98	5-HEPTEN-2-ONE, 6-METHYL-	0,03
16	20,08	NONANAL	0,02
17	22,75	METHYL-p-CRESOL	6,31
18	22,76	LINALOOL cis-OXIDE	0,02
19	23,01	SESQUITERPENE	0,02
20	23,92	SESQUITERPENE	0,02
21	24,23	alpha-CUBEBENE	0,09
22	24,68	LINALOOL trans-OXIDE	0,02
23	24,90	delta-ELEMENE	0,06
24		SESQUITERPENE	
25	25,15	SESQUITERPENE	0,01
26	25,96	YLANGENE	0,14
27	26,63	alpha-COPAENE	0,64
28	28,25	BENZALDEHYDE	0,06
29	28,46	beta-BOURBONENE	0,03
30	29,04	alpha-GURJUNENE	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1)

Peak	RT (min)	Compound	%
31	29,49	SESQUITERPENE	0,03
32	29,95	beta1-CUBEBENE	0,11
33	30,57	LINALOOL	13,90
34	31,24	LINALYL ACETATE	0,02
35	32,71	epsilon-CADINENE	0,20
36	33,04	SESQUITERPENE	0,03
37	34,14	CALARENE ISOMER	0,26
38	34,15	beta-ELEMENE	0,26
39	34,74	beta-CARYOPHYLLENE	8,85
40	35,03	SESQUITERPENE	0,03
41	35,33	AROMADENDRENE	0,04
42	35,82	SESQUITERPENE	0,02
43	36,13	METHYL BENZOATE	3,46
44	37,34	CADINA-3,5-DIENE	0,11
45	38,01	GERMACRENE A	0,12
46	39,87	ZONARENE	0,15
47	39,97	ETHYL BENZOATE	0,19
48	40,60	ESTRAGOL	0,26
49	40,70	alpha-HUMULENE	2,58
50	40,74	CADINENE ISOMER	0,06
51	40,75	E-beta-FARNESENE	0,06
52	41,01	SESQUITERPENE	0,01
53	41,16	4,5-di-epi-ARISTOLOCHENE	0,02
54	41,51	NERAL	0,05
55	42,40	gamma-MUUROLENE	1,35
56	43,00	alpha-TERPINEOL	0,18
57	43,10	LEDENE	0,04
58	43,70	Z,E-alpha-FARNESENE	1,08
59	44,41	GERMACRENE D	10,67
60	44,62	SESQUITERPENE	0,18

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1)

Peak	RT (min)	Compound	%
61	44,80	SESQUITERPENE	0,25
62	44,92	SESQUITERPENE	0,19
63	45,18	SESQUITERPENE	0,17
64	45,75	BENZYL ACETATE	4,89
65		alpha-MUUROLENE	
66	46,00	SESQUITERPENE	0,14
67	46,19	GERANIAL	0,14
68	46,36	BICYCLOGERMACRENE	0,31
69	46,77	AROMATIC COMPOUND	0,01
70	47,39	beta-CURCUMENE	0,02
71	47,81	SESQUITERPENE	0,02
72	48,82	E,E-alpha-FARNESENE	4,40
73	49,31	delta-CADINENE	2,38
74	49,40	GERANYL ACETATE	11,25
75	49,50	gamma-CADINENE	0,68
76	49,57	METHYL SALICYLATE	0,13
77	50,18	beta-SESQUIPELLANDRENE	0,02
78	50,45	alpha-CURCUMENE	0,01
79	51,04	CADINA-1,4-DIENE	0,12
80	51,91	alpha-AMORPHENE	0,18
81	52,84	NEROL	0,06
82	53,81	2-PHENYLETHYL ACETATE	0,09
83	54,92	trans-ANETHOL	0,09
84	55,33	GERMACRENE B	0,03
85	55,57	CALAMENENE	0,10
86	57,60	GERANIOL	2,68
87	58,24	BUTYL BENZOATE	0,04
88	58,84	PHENYLMETHYL BUTYRATE	0,04
89	59,05	BENZYL ALCOHOL	0,11
90	60,06	Epi-CUBEBOL	0,05

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1)

Peak	RT (min)	Compound	%
91	60,23	SESQUITERPENIC COMPOUND	0,02
92	61,23	alpha-CALACORENE	0,03
93	61,37	AROMATIC COMPOUND	0,03
94	61,49	HUMULENE EPOXIDE	0,02
95	61,86	SESQUITERPENOL	0,04
96	62,39	CUBEBOL	0,07
97	62,78	AROMATIC COMPOUND	0,04
98	62,94	beta-CALACORENE	0,04
99	63,12	AROMATIC COMPOUND	0,03
100	63,38	SESQUITERPENIC COMPOUND	0,11
101	63,67	CARYOPHYLLENE OXIDE	0,38
102	64,13	AROMATIC ESTER	0,03
103	64,26	AROMATIC COMPOUND	0,02
104	64,32	COMPOUND Mw=220	0,02
105	64,49	SESQUITERPENIC COMPOUND	0,02
106	64,73	METHYLEUGENOL	0,05
107	65,13	LEDOL	0,01
108	65,35	EPOXY-6,7-HUMULENE	0,12
109	65,54	NEROLIDOL	0,11
110	65,72	GERMACRENE D-4-OL	0,09
111	65,88	JUNEOL	0,38
112		Epi-CUBENOL	
113	66,00	PRENYL BENZOATE	0,40
114	66,06	CUBENOL	0,17
115	66,22	SESQUITERPENOL	0,01
116	66,33	p-CRESOL	0,17
117		SESQUITERPENOL	
118	66,42	SESQUITERPENOL	0,07
119	66,44	VIRIDIFLOROL	0,02
120	66,53	COMPOUND Mw=166	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1)

Peak	RT (min)	Compound	%
121	66,64	GUAIOL	0,06
122	66,73	AROMATIC COMPOUND	0,03
123	66,82	COMPOUND Mw=220	0,01
124	67,00	SESQUITERPENIC COMPOUND	0,02
125	67,16	ALIPHATIC ESTER	0,17
126	67,24	TERPENIC COMPOUND	0,02
127	67,36	SPATHULENOL	0,07
128	67,62	SESQUITERPENOL	0,02
129	67,70	SESQUITERPENOL	0,02
130	67,82	CINNAMYL ACETATE	0,79
131	68,10	EUGENOL	0,91
132	68,28	T-CADINOL	0,41
133	68,44	SESQUITERPENOL	0,04
134	68,57	alpha-MUUROLOL	0,60
135	68,76	delta-CADINOL	0,22
136	68,81	CADINOL ISOMER	0,13
137	68,90	SESQUITERPENOL	0,02
138	68,98	BULNESOL	0,02
140	69,05	SESQUITERPENOL	0,05
141	69,20	alpha-EUDESMOL	0,03
142	69,36	alpha-CADINOL	1,19
143	69,67	EUGENYL ACETATE	0,04
144	69,81	FARNESYL ACETATE	1,04
145	69,89	FARNESAL	0,02
146	70,08	CINNAMIC ALCOHOL	0,02
147	70,29	SESQUITERPENIC COMPOUND	0,04
148	70,43	SESQUITERPENIC COMPOUND	0,03
149	70,45	SESQUITERPENIC COMPOUND	0,02
150	70,66	COMPOUND Mw=222	0,10

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1)

Peak	RT (min)	Compound	%
151	70,95	ISOEUGENOL	0,03
152	71,10	AROMATIC COMPOUND	0,02
153	71,20	E,E-FARNESOL	1,50
154	71,46	COMPOUND Mw=220	0,03
155	71,60	AROMATIC COMPOUND Mw=200	0,03
156	71,73	SESQUITERPENIC COMPOUND	0,04
157	72,07	AROMATIC COMPOUND	0,01
158	72,47	SESQUITERPENOL	0,02
159	73,83	CHAVICOL ISOMER	0,01
160	74,90	VANILLIN	0,01
161	75,56	GERANYL BENZOATE	0,10
162	76,20	AROMATIC ESTER	0,03
163	76,48	BENZYL BENZOATE	6,23
164	80,24	BENZYL SALICYLATE	1,20
165	80,78	COMPOUND Mw=220	0,06
166	82,45	PALMITIC ACID	0,05
		TOTAL	99,98

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