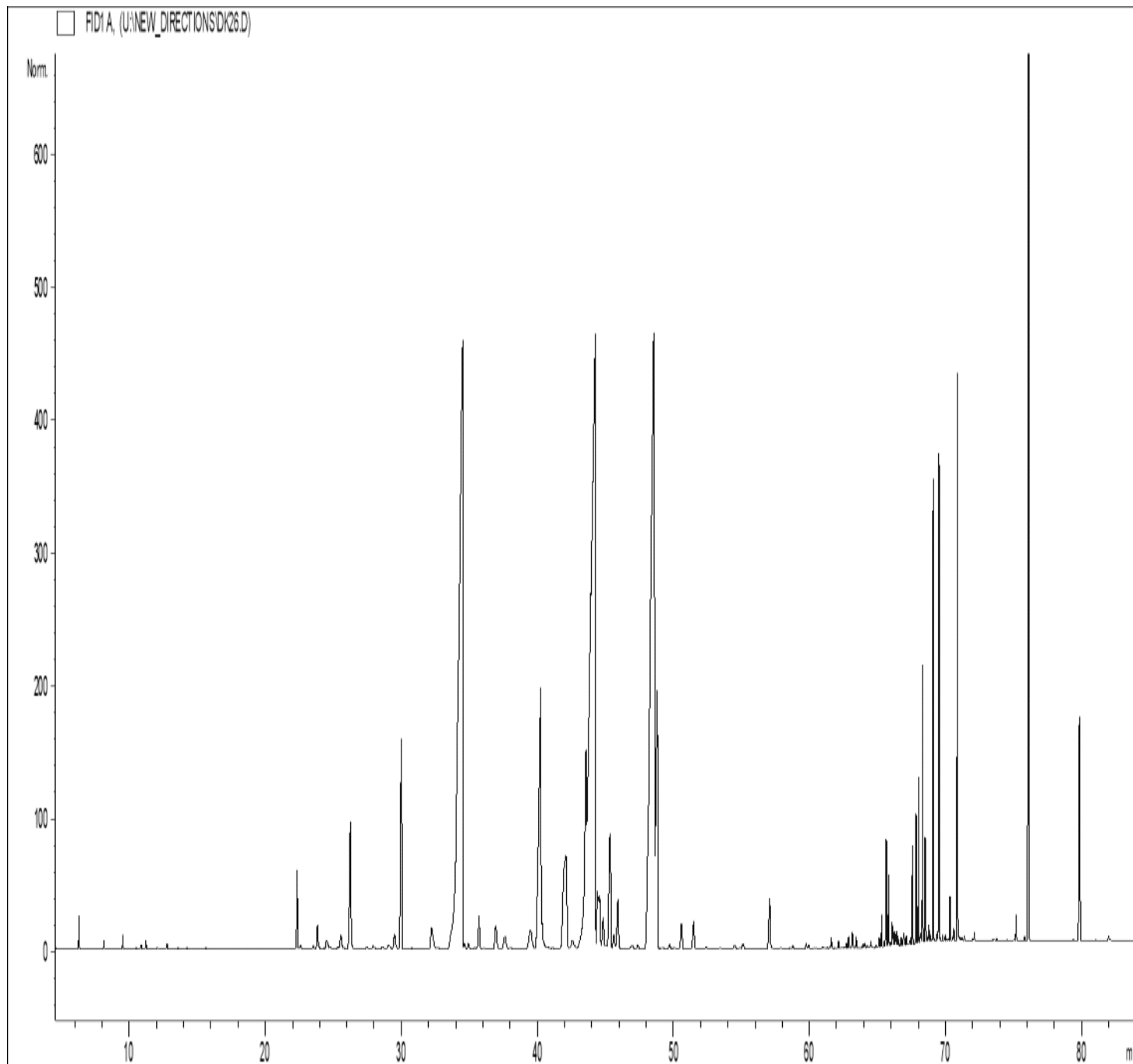


GCMS ANALYSIS

PRODUCT NAME: YLANG YLANG #3 ESSENTIAL OIL- 11162

DATE: December 18, 2020



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 #3 ESSENTIAL OIL- 11162

Peak	RT (min)	Compound	%
1	4,21	ACETONE	0,01
2	6,26	TRICYCLENE	0,00
3	6,32	alpha-PINENE	0,11
4	8,15	beta-PINENE	0,03
5	9,52	beta-MYRCENE	0,06
6	10,51	ISOPRENYL ACETATE	0,00
7	10,87	LIMONENE	0,02
8	11,22	1,8-CINEOLE	0,04
9	12,07	cis-beta-OCIMENE	0,01
10	12,64	PRENYL ACETATE	0,01
11	12,77	trans-beta-OCIMENE	0,03
12	13,61	HEXYL ACETATE	0,01
13	14,25	TERPINOLENE	0,01
14	15,64	3-HEXEN-1-OL ACETATE	0,01
15	22,33	METHYL-p-CRESOL	0,48
16	22,59	SESQUITERPENE	0,03
17	23,52	SESQUITERPENE	0,02
18	23,84	alpha-CUBEBENE	0,21
19	24,49	alpha-CUBEBENE	0,07
20	24,54	delta-ELEMENE	0,05
21	24,74	SESQUITERPENE	0,02
22	25,32	BICYCLOELEMENE	0,02
23	25,55	YLANGENE	0,15
24	26,25	alpha-COPAENE	1,35
25	27,45	BENZALDEHYDE	0,02
26	27,91	SESQUITERPENE	0,03
27	28,61	CYPERENE	0,02
28	29,04	SESQUITERPENE	0,05
29	29,50	beta1-CUBEBENE	0,18
30	30,00	LINALOOL	1,75

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: YLANG YLANG #3 ESSENTIAL OIL- 11162

Peak	RT (min)	Compound	%
31	32,21	epsilon-CADINENE	0,35
32	32,61	SESQUITERPENE	0,02
33	33,74	beta-ELEMENE	0,27
34	33,94	beta-CUBEBENE	0,64
35	34,50	beta-CARYOPHYLLENE	16,50
36	34,64	TERPINENE-4-OL	0,05
37	34,94	AROMADENDRENE	0,04
38	35,70	METHYL BENZOATE	0,29
39	36,93	CADINA-3,5-DIENE	0,30
40	37,60	GERMACRENE A	0,22
41	39,52	ZONARENE	0,36
42	39,63	ESTRAGOLE	0,05
43	40,26	alpha-HUMULENE	4,35
44	40,35	Cis-4,5-MUUROLADIENE	0,25
45	40,73	SESQUITERPENE	0,03
46	42,10	gamma-MUUROLENE	2,45
47	42,59	alpha-TERPINEOL + LEDENE	0,16
48	43,59	Z,E-alpha-FARNESENE	3,08
49	44,27	GERMACRENE D	20,28
50	44,42	CADINENE ISOMER	0,40
51	44,48	MUUROLENE ISOMER	0,35
52	44,58	SESQUITERPENE	0,44
53	44,84	CADINENE ISOMER	0,36
54	45,07	SESQUITERPENE	0,03
55	45,36	alpha-MUUROLENE	1,43
56	45,63	BENZYL ACETATE	0,14
57	45,93	BICYCLOGERMACRENE	0,52
58	46,97	SESQUITERPENE	0,05
59	47,39	beta-CURCUMENE	0,04
60	48,56	E,E-alpha-FARNESENE	15,48

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: YLANG YLANG #3 ESSENTIAL OIL- 11162

Peak	RT (min)	Compound	%
61	48,60	delta-CADINENE	1,51
62	48,82	GERANYL ACETATE	3,13
63	49,22	gamma-CADINENE	0,01
64	49,73	beta-SESQUIPELLANDRENE	0,04
65	50,04	METHYL SALICYLATE	0,01
66	50,61	CADINA-1,4-DIENE	0,25
67	51,49	alpha-AMORPHENE	0,29
68	52,40	2-PHENYLETHYL ACETATE	0,02
69	54,51	GERMACRENE B	0,05
70	55,13	CALAMENENE	0,05
71	57,08	GERANIOL	0,53
72	58,56	BUTYL BENZOATE	0,01
73	58,78	BENZYL ALCOHOL	0,03
74	59,77	epi-CUBEBOL	0,04
75	59,93	PHENOLIC COMPOUND	0,03
76	61,31	alpha-CALACORENE	0,01
77	61,61	CUBEBOL	0,07
78	62,15	SESQUITERPENOL	0,03
79	62,59	SESQUITERPENOL	0,01
80	62,73	AROMATIC COMPOUND	0,03
81	62,88	PHENOLIC COMPOUND Mw=150	0,06
82	63,16	BENZOATE COMPOUND Mw=190	0,09
83	63,44	CARYOPHYLLENE EPOXIDE	0,05
84	63,92	METHYLEUGENOL	0,02
85	64,09	SESQUITERPENIC OXIDE	0,02
86	64,52	trans-NEROLIDOL	0,03
87	65,13	HEXYL BENZOATE	0,04
88	65,32	GERMACRA-1,5-DIEN-4-OL	0,11
89	65,50	SESQUITERPENOL	0,03
90	65,64	epi-CUBENOL + LEVOJUNENOL	0,31

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: YLANG YLANG #3 ESSENTIAL OIL- 11162

Peak	RT (min)	Compound	%
91	65,65	CUBENOL + PRENYL BENZOATE	0,29
92	65,78	GUAIOL	0,11
93	65,83	ELEMOL	0,28
94	65,91	p-CRESOL	0,01
95	65,99	GLOBULOL	0,02
96	66,06	VIRIDIFLOROL	0,09
97	66,14	ELEMOL	0,08
98	66,19	GUAIOL	0,05
99	66,28	EUDESMOL ISOMER	0,08
100	66,40	2-PHENYLETHYL BUTYRATE	0,07
101	66,49	SESQUITERPENOL	0,04
102	66,76	PHENOLIC COMPOUND	0,04
103	66,93	cis-3-HEXENYL BENZOATE	0,09
104	67,13	AROMATIC COMPOUND	0,04
105	67,58	CINNAMYL ACETATE	0,43
106	67,86	EUGENOL	0,46
107	68,03	T-CADINOL	0,60
108	68,17	METHYLISOEUGENOL	0,06
109	68,33	alpha-MUUROLOL	0,96
110	68,50	delta-CADINOL	0,35
111	68,55	CADINOL ISOMER	0,24
112	68,71	SESQUITERPENOL	0,02
113	68,78	SESQUITERPENOL	0,06
114	68,93	alpha-EUDESMOL	0,03
115	69,10	alpha-CADINOL	1,77
116	69,21	EUGENYL ACETATE	0,01
117	69,40	EUDESMA-7-EN-4-OL	0,04
118	69,54	FARNESYL ACETATE	1,86
119	69,61	SESQUITERPENOL	0,02
120	69,79	AROMATIC COMPOUND	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: YLANG YLANG #3 ESSENTIAL OIL- 11162

Peak	RT (min)	Compound	%
121	70,35	ISOEUGENOL	0,18
122	70,63	CHAVICOL + SESQUITERPENOL	0,06
123	70,89	FARNESOL	2,33
124	71,13	SESQUITERPENOL	0,02
125	71,23	SESQUITERPENOL	0,02
126	71,39	ISOEUGENYL ACETATE	0,03
127	72,04	SESQUITERPENOL	0,01
128	72,12	SESQUITERPENOL	0,03
129	75,19	GERANYL BENZOATE	0,12
130	75,83	METHYLPHENYL BENZOATE	0,02
131	76,13	BENZYL BENZOATE	6,72
132	76,27	VANILLYL METHYL KETONE	0,01
133	79,86	BENZYL SALICYLATE	1,54
134	81,98	PALMITIC ACID	0,06
		TOTAL	99,99

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