



Ylang Ylang Complete

Cananga odorata

Madagascar

Batch #MG-59314

Monoterpenes 0.4%

α pinene	0.17
myrcene	0.09
β pinene	0.06
limonene	0.03
(E) β ocimene	0.02
sabinene	0.01
(Z) β ocimene	0.01
terpinolene	0.01

Esters 23.92%

geranyl acetate	8.97
benzyl benzoate	5.93
benzyl acetate	1.9
(E,E) farnesyl acetate	1.78
methyl benzoate	1.78
benzyl salicylate	1.71
(E) cinnamyl acetate	0.7
prenyl benzoate	0.51
prenyl acetate	0.16
geranyl benzoate	0.13
methyl salicylate	0.06
(Z)-3-hexenyl acetate	0.05
hexyl acetate	0.05
3-methyl-3-buten-1-yl ace	0.04
ethyl benzoate	0.04
eugenyl acetate	0.04
(Z)-3-hexenyl benzoate	0.03
neryl acetate	0.02
butyl acetate	0.01
2-methylbutyl acetate	0.01

Sesquiterpenols 6.82%

α cadinol	1.93
(Z,E) farnesol	1.78
τ muurolol	0.82
τ cadinol	0.67
α muurolol	0.38
junenol	0.36
1.epi-cubenol	0.26
(E) nerolidol	0.1
viridiflorol	0.1
1,10-di-epi-cubenol	0.09
elemol	0.09
maaliol	0.09
guaiol	0.07
globulol	0.06
(E,E)-farnesol	0.02

Aldehydes 0.16%

geranial	0.05
(E) anethole	0.04
nonanal	0.03
neral	0.02
benzaldehyde	0.01
(E,Z) farnesal	0.01

Ethers 3.65%

para-cresyl methyl eth	3.19
1,8 cineole	0.22
caryophyllene oxide	0.17
humulene epoxide II	0.07

Sesquiterpenes 51.36%

germacrene d	13.65
β caryophellene	12.98
(E,E) α farnesene	7.55
α humulene	3.56
δ cadinene	3.21
γ curcumene	2.01
γ muurolene	1.69
α copaene	1.09
α muurolene	0.98
γ cadinene	0.95
β copaene	0.93
β elemene	0.47
cis-muurola-4(14),5-diene	0.28
trans-cadina-1(6),4-diene	0.26
α cadinene	0.26
zonarene	0.22
trans-cadina-1,4-diene	0.21
α cubebene	0.19
bicyclogermacrene	0.17
α Ylangene	0.16
δ elemene	0.16
β cubebene	0.12
(E) β farnesene	0.1
aromadendrene	0.05
β gurjunene	0.03
α himachalene	0.03
trans-γ-bisabolene	0.02
β selinene	0.02
cyperene	0.01



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Monoterpenols 9.85%

linalool	8.12
geraniol	1.55
α terpineol	0.13
nerol	0.02
(Z) linalool oxide (5) (fur:	0.02
(E) linalool oxide (5) (fur:	0.01

Ketones 0.01%

6-methyl-5-hepten-2-o	0.01
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Phenols 1.09%

eugenol	0.71
methyl chavicol	0.12
1-nitro-2-phenyl ethane	0.05
benzyl alcohol	0.04
para-cresol	0.04
(E) anethole	0.04
methyl eugenol	0.03
4-vinylguaiacol	0.03
chavicol	0.02
cinnamyl alcohol	0.01

Client



Source



Ylang Ylang Complete (Cananga odorata)
MG-59314

Sample

Ylang Ylang Complete (Cananga odorata)
Batch #:..... MG-59314
Type:..... Essential Oil
CAS Number:... 8006-81-3
Nature's Gift

Client



Website

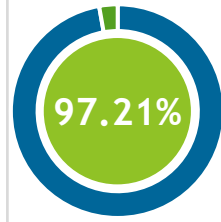
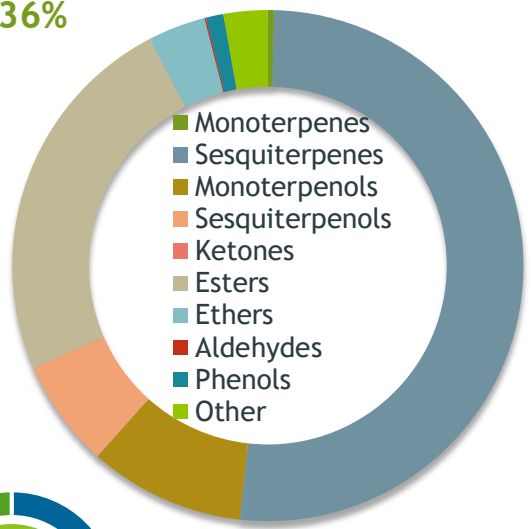


Primary

13.65% Germacrene D
12.98% beta-Caryophyllene
8.97% Geranyl acetate

Sesquiterpenes

51.36%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Ylang Ylang Complete (Cananga odorata)

Internal Number: | EVS-5478



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306
Gainesville, FL 32601

317.361.5044 |
<https://essentialvalidationservices.com/>

Alan Christen

Monoterpenes	0.40%
Sesquiterpenes	51.36%
Monoterpenols	9.85%
Sesquiterpenols	6.82%
Ketones	0.01%
Esters	23.92%
Ethers	3.65%
Aldehydes	0.10%
Phenols	1.10%
Other	2.79%

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Client



Source

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Total Percentage		97.21%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.37	0.01%	Butyl acetate	Aliphatic Ester
2	6.12	0.01%	2-Methylbutyl acetate	Aliphatic Ester
3	6.27	0.04%	3-Methyl-3-buten-1-yl acetate	Aliphatic Ester
4	7.55	0.16%	Prenyl acetate	Aliphatic Ester
5	7.92	0.17%	alpha-Pinene	Monoterpene
6	9.03	0.01%	Benzaldehyde	Simple Phenolic
7	9.45	0.01%	Sabinene	Monoterpene
8	9.61	0.06%	beta-Pinene	Monoterpene
9	10.02	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
10	10.20	0.09%	Myrcene	Monoterpene
11	10.88	0.05%	(Z)-3-Hexenyl acetate	Aliphatic Ester
12	11.21	0.05%	Hexyl acetate	Aliphatic Ester
13	11.47	3.19%	para-Cresyl methyl ether	Monoterpene Ether
14	11.83	0.03%	Limonene	Monoterpene
15	11.92	0.22%	1,8-Cineole	Monoterpene Ether
16	12.10	0.04%	Benzyl alcohol	Simple Phenolic
17	12.22	0.01%	(Z)-beta-Ocimene	Monoterpene
18	12.67	0.02%	(E)-beta-Ocimene	Monoterpene
19	13.69	0.02%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
20	14.07	0.04%	para-Cresol	Phenol
21	14.35	0.01%	Terpinolene	Monoterpene
22	14.43	0.01%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
23	14.75	1.78%	Methyl benzoate	Phenolic Ester
24	15.20	8.12%	Linalool	Monoterpenol
25	15.33	0.03%	Nonanal	Aliphatic Aldehyde
26	17.91	1.90%	Benzyl acetate	Phenolic Ester
27	18.23	0.04%	Ethyl benzoate	Phenolic Ester
28	19.18	0.06%	Methyl salicylate	Phenolic Ester
29	19.36	0.13%	alpha-Terpineol	Monoterpenol
30	19.51	0.12%	Methyl chavicol	Phenylpropanoid
31	20.77	0.02%	Nerol	Monoterpenol
32	21.35	0.02%	Neral	Monoterpene Aldehyde
33	22.01	1.55%	Geraniol	Monoterpenol
34	22.15	0.02%	Chavicol	Phenylpropanoid
35	22.70	0.05%	Geranial	Monoterpene Aldehyde

Client



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Number	RT	Area %	Compound Name	Chemical Family
36	23.472	0.04%	(E)-Anethole	Monoterpene Aldehyde
37	23.95	0.05%	1-Nitro-2-phenyl ethane	Phenol
38	24.37	0.01%	Cinnamyl alcohol	Phenylpropanoid
39	24.52	0.03%	4-Vinylguaicol	Simple Phenolic
40	25.45	0.16%	delta-Elemene	Sesquiterpene
41	26.11	0.19%	alpha-Cubebene	Sesquiterpene
42	26.35	0.71%	Eugenol	Phenylpropanoid
43	26.73	0.02%	Neryl acetate	Monoterpene Ester
44	27.03	0.16%	alpha-Ylangene	Sesquiterpene
45	27.31	1.09%	alpha-Copaene	Sesquiterpene
46	27.68	8.97%	Geranyl acetate	Monoterpene Ester
47	27.85	0.12%	beta-Cubebene	Sesquiterpene
48	27.94	0.47%	beta-Elemene	Sesquiterpene
49	28.38	0.01%	Cyperene	Sesquiterpene
50	28.50	0.03%	Methyl eugenol	Phenylpropanoid
51	29.21	12.98%	beta-Caryophyllene	Sesquiterpene
52	29.56	0.93%	beta-Copaene	Sesquiterpene
53	29.68	0.03%	beta-Gurjunene	Sesquiterpene
54	29.88	0.05%	Aromadendrene	Sesquiterpene
55	30.30	0.70%	(E)-Cinnamyl acetate	Phenylpropanoid Ester
56	30.61	3.56%	alpha-Humulene	Sesquiterpene
57	30.70	0.10%	(E)-beta-Farnesene	Sesquiterpene
58	30.86	0.28%	cis-Muurolo-4(14),5-diene	Sesquiterpene
59	31.08	0.03%	alpha-Himachalene	Sesquiterpene
60	31.33	0.26%	trans-Cadina-1(6),4-diene	Sesquiterpene
61	31.52	1.69%	gamma-Muuroloene	Sesquiterpene
62	31.75	13.65%	Germacrene D	Sesquiterpene
63	31.96	0.02%	beta-Selinene	Sesquiterpene
64	32.07	0.51%	Prenyl benzoate	Monoterpene Ester
65	32.24	0.17%	Bicyclogermacrene	Sesquiterpene
66	32.43	0.98%	alpha-Muuroloene	Sesquiterpene
67	32.59	2.01%	gamma-Curcumene	Sesquiterpene
68	32.86	7.55%	(E,E)-alpha-Farnesene	Sesquiterpene
69	32.98	0.95%	gamma-Cadinene	Sesquiterpene
70	33.12	0.04%	Eugenyl acetate	Phenylpropanoid Ester
71	33.26	3.21%	delta-Cadinene	Sesquiterpene

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72	33.38	0.22%	Zonarene	Sesquiterpene
73	33.58	0.02%	trans-gamma-Bisabolene	Sesquiterpene
74	33.74	0.21%	trans-Cadina-1,4-diene	Sesquiterpene
75	33.90	0.26%	alpha-Cadinene	Sesquiterpene
76	34.36	0.09%	Elemol	Sesquiterpenol
77	34.94	0.10%	(E)-Nerolidol	Sesquiterpenol
78	35.27	0.03%	(Z)-3-Hexenyl benzoate	Monoterpene Ester
79	35.40	0.09%	Maaliol	Sesquiterpenol
80	35.55	0.17%	Caryophyllene oxide	Sesquiterpene Ether
81	35.72	0.06%	Globulol	Sesquiterpenol
82	36.03	0.10%	Viridiflorol	Sesquiterpenol
83	36.20	0.07%	Guaiol	Sesquiterpenol
84	36.60	0.07%	Humulene epoxide II	Sesquiterpene Ether
85	36.88	0.09%	1,10-di-epi-Cubenol	Sesquiterpenol
86	37.06	0.36%	Junenol	Sesquiterpenol
87	37.35	0.26%	1-epi-Cubenol	Sesquiterpenol
88	37.90	0.67%	T-Cadinol	Sesquiterpenol
89	37.98	0.82%	T-Muurolol	Sesquiterpenol
90	38.08	0.38%	alpha-Muurolol	Sesquiterpenol
91	38.41	1.93%	alpha-Cadinol	Sesquiterpenol
92	40.43	0.01%	(E,Z)-Farnesol	
93	40.73	1.78%	(Z,E)-Farnesol	Sesquiterpenol
94	41.43	0.02%	(E,E)-Farnesol	Sesquiterpenol
95	42.45	5.93%	Benzyl benzoate	Phenolic Ester
96	44.83	1.78%	(E,E)-Farnesyl acetate	Sesquiterpene Ester
97	45.85	1.71%	Benzyl salicylate	Phenolic Ester
98	48.93	0.13%	Geranyl benzoate	Diterpene Ester