

Client



Source



Ylang Ylang Complete (Cananga odorata)

MG-59423 - Madagascar

Sample

Ylang Ylang Complete (Cananga odorata)

Identification #: MG-59423

Type:..... Essential Oil

CAS Number:... 8006-81-3

Nature's Gift

Properties

Country Of Origin | Madagascar

Specific Gravity | NT

Refractive Index | NT

Primary

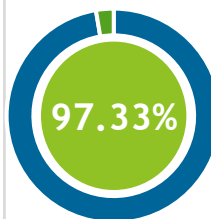
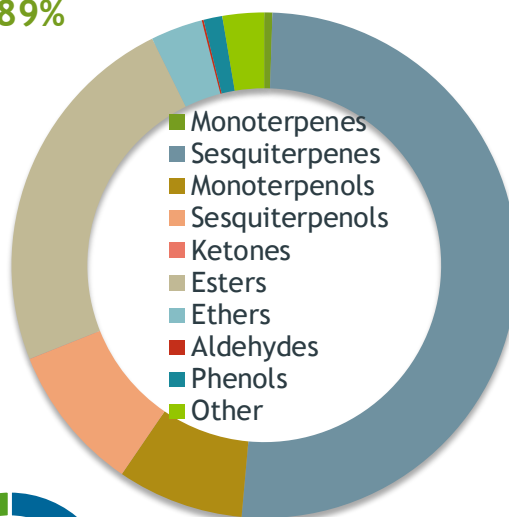
11.09% | Germacrene D

10.85% | beta-Caryophyllene

7.82% | Geranyl acetate

Sesquiterpenes

50.89%



Percentage Identified

Result



12/9/2024

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-6443



Essential Validation Services

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

317.361.5044 |

<https://essentialvalidationservices.com/>

Alan Christen

Monoterpenes	0.52%	0.52%
Sesquiterpenes	50.89%	50.89%
Monoterpenols	8.09%	8.09%
Sesquiterpenols	9.42%	9.42%
Ketones	0.01%	0.01%
Esters	23.72%	23.72%
Ethers	3.33%	3.33%
Aldehydes	0.12%	0.12%
Phenols	1.20%	1.20%
Other	2.66%	2.66%

ESSENTIAL VALIDATION SERVICES | 240 GOOSE HOLLOW ROAD BERTHOUD, CO 80513 | 317-361-5044

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Total Percentage		97.33%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.53	0.01%	Butyl acetate	Aliphatic Ester
2	6.25	0.01%	Isoamyl acetate	Aliphatic Ester
3	6.31	0.01%	2-Methylbutyl acetate	Aliphatic Ester
4	6.46	0.03%	3-Methyl-3-buten-1-yl acetate	Aliphatic Ester
5	7.77	0.13%	Prenyl acetate	Aliphatic Ester
6	8.16	0.24%	alpha-Pinene	Monoterpene
7	8.77	0.01%	Camphene	Monoterpene
8	9.28	0.02%	Benzaldehyde	Simple Phenolic
9	9.71	0.01%	Sabinene	Monoterpene
10	9.87	0.08%	beta-Pinene	Monoterpene
11	10.26	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
12	10.45	0.10%	Myrcene	Monoterpene
13	11.13	0.05%	(Z)-3-Hexenyl acetate	Aliphatic Ester
14	11.47	0.04%	Hexyl acetate	Aliphatic Ester
15	11.76	2.65%	para-Cresyl methyl ether	Monoterpene Ether
16	12.11	0.04%	Limonene	Monoterpene
17	12.20	0.22%	1,8-Cineole	Monoterpene Ether
18	12.40	0.06%	Benzyl alcohol	Simple Phenolic
19	12.49	0.01%	(Z)-beta-Ocimene	Monoterpene
20	12.94	0.02%	(E)-beta-Ocimene	Monoterpene
21	13.97	0.03%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
22	14.44	0.06%	para-Cresol	Phenol
23	14.63	0.01%	Terpinolene	Monoterpene
24	15.05	1.55%	Methyl benzoate	Phenolic Ester
25	15.50	6.41%	Linalool	Monoterpenol
26	15.62	0.02%	Nonanal	Aliphatic Aldehyde
27	17.04	0.01%	Phenylacetone nitrile	Simple Phenolic
28	17.41	0.02%	Veratrole	0.00
29	18.21	1.52%	Benzyl acetate	Phenolic Ester
30	18.53	0.06%	Ethyl benzoate	Phenolic Ester
31	18.97	0.01%	Terpinen-4-ol	Monoterpenol
32	19.39	0.01%	15.27 Cresol<2-methoxy-para->	0.00
33	19.49	0.07%	Methyl salicylate	Phenolic Ester
34	19.67	0.16%	alpha-Terpineol	Monoterpenol
35	19.81	0.13%	Methyl chavicol	Phenylpropanoid

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Number	RT	Area %	Compound Name	Chemical Family
36	21.06	0.04%	Nerol	Phenylpropanoid
37	21.64	0.03%	Neral	Monoterpene Aldehyde
38	22.30	1.42%	Geraniol	Monoterpenol
39	22.50	0.03%	Chavicol	Phenylpropanoid
40	22.99	0.07%	Geranial	Monoterpene Aldehyde
41	23.77	0.05%	(E)-Anethole	Phenylpropanoid
42	24.26	0.08%	1-Nitro-2-phenyl ethane	Phenol
43	24.36	0.01%	Geranyl formate	Monoterpene Ester
44	24.83	0.03%	4-Vinylguaicol	Simple Phenolic
45	25.72	0.19%	delta-Elemene	Sesquiterpene
46	26.38	0.25%	alpha-Cubebene	Sesquiterpene
47	26.66	0.70%	Eugenol	Phenylpropanoid
48	27.00	0.03%	Neryl acetate	Monoterpene Ester
49	27.30	0.20%	alpha-Ylangene	Sesquiterpene
50	27.59	1.35%	alpha-Copaene	Sesquiterpene
51	27.96	7.82%	Geranyl acetate	Monoterpene Ester
52	28.12	0.15%	beta-Cubebene	Sesquiterpene
53	28.22	0.59%	beta-Elemene	Sesquiterpene
54	28.66	0.02%	Cyperene	Sesquiterpene
55	28.79	0.03%	Methyl eugenol	Phenylpropanoid
56	29.51	10.85%	beta-Caryophyllene	Sesquiterpene
57	29.62	0.03%	Thujopsene	Sesquiterpene
58	29.84	1.08%	beta-Copaene	Sesquiterpene
59	30.16	0.05%	Aromadendrene	Sesquiterpene
60	30.59	0.93%	(E)-Cinnamyl acetate	Phenylpropanoid Ester
61	30.68	0.57%	allo-Aromadendrene	Sesquiterpene
62	30.90	3.87%	alpha-Humulene	Sesquiterpene
63	31.13	0.34%	cis-Muurolo-4(14),5-diene	Sesquiterpene
64	31.60	0.32%	trans-Cadina-1(6),4-diene	Sesquiterpene
65	31.82	2.22%	gamma-Muuroloene	Sesquiterpene
66	32.05	11.09%	Germacrene D	Sesquiterpene
67	32.25	0.05%	beta-Selinene	Sesquiterpene
68	32.35	0.70%	Prenyl benzoate	Monoterpene Ester
69	32.52	0.38%	Bicyclgermacrene	Sesquiterpene
70	32.70	1.72%	alpha-Muuroloene	Sesquiterpene

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72	33.13	7.16%	(E,E)-alpha-Farnesene	Sesquiterpene
73	33.25	1.27%	gamma-Cadinene	Sesquiterpene
74	33.54	3.66%	delta-Cadinene	Sesquiterpene
75	33.65	0.34%	Zonarene	Sesquiterpene
76	33.83	0.02%	trans-gamma-Bisabolene	Sesquiterpene
77	34.01	0.27%	trans-Cadina-1,4-diene	Sesquiterpene
78	34.17	0.35%	alpha-Cadinene	Sesquiterpene
79	34.64	0.12%	Elemol	Sesquiterpenol
80	35.20	0.15%	(E)-Nerolidol	Sesquiterpenol
81	35.52	0.03%	(Z)-3-Hexenyl benzoate	Monoterpene Ester
82	35.57	0.02%	Caryophyllenyl alcohol	Monoterpenol
83	35.68	0.14%	Maaliol	Sesquiterpenol
84	35.82	0.37%	Caryophyllene oxide	Sesquiterpene Ether
85	36.30	0.15%	Viridiflorol	Sesquiterpenol
86	36.47	0.10%	Guaiol	Sesquiterpenol
87	36.70	0.05%	Ledol	Sesquiterpenol
88	36.80	0.03%	Rosifoliol	Sesquiterpenol
89	36.87	0.09%	Humulene epoxide II	Sesquiterpene Ether
90	37.33	0.56%	Junenol	Sesquiterpenol
91	37.62	0.40%	1,10-di-epi-Cubenol	Sesquiterpenol
92	37.84	0.21%	1-epi-Cubenol	Sesquiterpenol
93	37.99	0.06%	allo-Aromadendrene epoxide	Sesquiterpene Ester
94	38.18	0.89%	T-Cadinol	Sesquiterpenol
95	38.26	1.18%	T-Muurolol	Sesquiterpenol
96	38.35	0.55%	alpha-Muurolol	Sesquiterpenol
97	38.69	2.60%	alpha-Cadinol	Sesquiterpenol
98	39.35	0.09%	Elemol acetate	Sesquiterpene Ester
99	40.14	0.01%	(Z,Z)-Farnesol	Sesquiterpenol
100	40.67	0.01%	(E,Z)-Farnesal	
101	40.98	2.22%	(Z,E)-Farnesol	Sesquiterpenol
102	41.28	0.03%	Longifolol	Sesquiterpenol
103	41.67	0.03%	(E,E)-Farnesol	Sesquiterpenol
104	42.74	6.08%	Benzyl benzoate	Phenolic Ester
105	45.06	2.13%	(E,E)-Farnesyl acetate	Sesquiterpene Ester
106	46.13	2.18%	Benzyl salicylate	Phenolic Ester
107	49.15	0.18%	Geranyl benzoate	Diterpene Ester