



316 Old Hickory Blvd East, Madison, TN 37115

tel (615)612-4270 fax (615)860-9171

sold@naturesgift.com

Balancing Body, Mind and Spirit with Pure Essential Oils

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## Ylang Ylang Complete

*Cananga odorata*

Madagascar

Batch #MA-59391

### Monoterpenes 0.29%

$\alpha$ pinene	0.14
myrcene	0.06
$\beta$ pinene	0.05
limonene	0.04

### Monoterpenols 6.31%

linalool	5.14
geraniol	1.04
$\alpha$ terpineol	0.10
nerol	0.02
cis-linalool oxide (5)(fura	0.01

### Esters 22.76%

geranyl acetate	7.99
benzyl benzoate	7.18
(E,E) farnesyl acetate	2.19
benzyl salicylate	2.00
benzyl acetate	1.00
methyl benzoate	1.00
(E) cinnamyl acetate	0.48
prenyl benzoate	0.47
geranyl benzoate	0.13
prenyl acetate	0.08
methyl salicylate	0.05
elemol acetate	0.05
(Z)-3-hexenyl acetate	0.03
ethyl benzoate	0.03
hexyl acetate	0.03
neryl acetate	0.03
3-methyl-3-buten-1-yl ace	0.02

### Sesquiterpenols 7.80%

$\alpha$ cadinol	2.37
(Z,E)-farnesol	1.85
$\tau$ muurolol	1.05
$\tau$ cadinol	0.72
$\alpha$ muurolol	0.44
junenol	0.38
viridiflorol	0.11
(E) nerolidol	0.10
1,10-di-epi-cubenol	0.10
maaliol	0.09
elemol	0.08
globulol	0.08
guaiol	0.07
$\gamma$ eudesmol	0.04
(E,E)-farnesol	0.03

### Ethers 2.23%

para-cresyl methyl eth	1.84
caryophyllene oxide	0.23
1,8 cineole	0.11
humulene epoxide II	0.05

### Phenols 0.5%

eugenol	0.34
methyl chavicol	0.08
(E) anethole	0.03
methyl eugenol	0.02
para-cresol	0.02
1-nitro-2-phenyl ethane	0.01

### Sesquiterpenes 56.82%

$\beta$ caryophellene	15.67
germacrene d	13.42
(E,E) $\alpha$ farnesene	6.82
$\alpha$ humulene	4.24
$\delta$ cadinene	3.88
(Z,E) $\alpha$ farnesene	2.46
$\gamma$ muurolene	1.98
$\alpha$ copaene	1.24
$\alpha$ muurolene	1.20
$\gamma$ cadinene	1.16
$\beta$ copaene	1.05
allo oromadendrene	0.83
$\beta$ elemene	0.52
$\alpha$ cadinene	0.30
bicyclogermacrene	0.29
dauca-5,8-diene	0.29
trans-cadina-1(6),4-diene	0.25
trans-calamenene	0.23
$\alpha$ cubebene	0.21
trans-cadina-1,4-diene	0.16
$\alpha$ Ylangene	0.16
$\delta$ elemene	0.16
$\beta$ cubebene	0.13
longifolene	0.06
aromadendrene	0.03
$\beta$ selinene	0.03
cyperene	0.02
thujopsene	0.02
(E) $\gamma$ bisabolene	0.01

### Aldehydes 0.05%

geranial	0.04
neral	0.01

Date of Analysis: 4/4/2024

Client



Source



Ylang Ylang Complete (Cananga odorata)

MG-59391 - Madagascar

Sample

Ylang Ylang Complete (Cananga odorata)

Identification #: MG-59391  
 Type:..... Essential Oil  
 CAS Number:... 8006-81-3

Nature's Gift

Properties

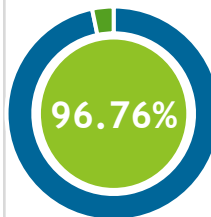
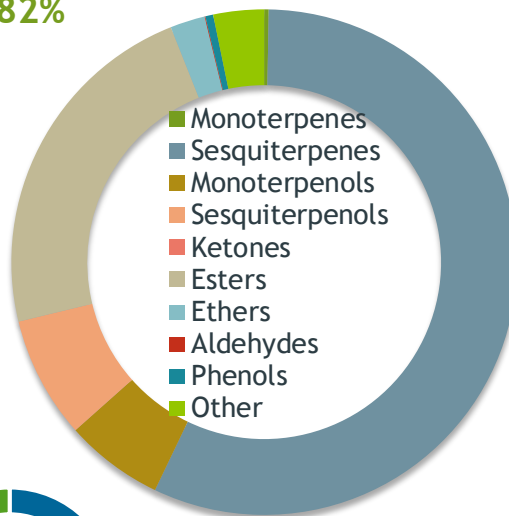
Country Of Origin | Madagascar  
 Specific Gravity | NT  
 Refractive Index | NT

Primary

15.67% | beta-Caryophyllene  
13.42% | Germacrene D  
7.99% | Geranyl acetate

Sesquiterpenes

56.82%



Percentage Identified

Result



4/4/2024

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-6115



Essential Validation Services

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

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

*Alan Christen*

Monoterpenes	0.29%	0.29%
Sesquiterpenes	56.82%	56.82%
Monoterpenols	6.31%	6.31%
Sesquiterpenols	7.80%	7.80%
Ketones	0.00%	0.00%
Esters	22.76%	22.76%
Ethers	2.23%	2.23%
Aldehydes	0.05%	0.05%
Phenols	0.50%	0.50%
Other	3.24%	3.24%

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Client



Source

Ylang Ylang Complete (*Cananga odorata*)

MG-59391

Total Percentage		96.76%		
Number	RT	Area %	Compound Name	Chemical Family
1	6.54	0.02%	3-Methyl-3-buten-1-yl acetate	Aliphatic Ester
2	7.86	0.08%	Prenyl acetate	Aliphatic Ester
3	8.24	0.14%	alpha-Pinene	Monoterpene
4	9.96	0.05%	beta-Pinene	Monoterpene
5	10.54	0.06%	Myrcene	Monoterpene
6	11.23	0.03%	(Z)-3-Hexenyl acetate	Aliphatic Ester
7	11.55	0.03%	Hexyl acetate	Aliphatic Ester
8	11.81	1.84%	para-Cresyl methyl ether	Monoterpene Ether
9	12.19	0.04%	Limonene	Monoterpene
10	12.29	0.11%	1,8-Cineole	Monoterpene Ether
11	14.05	0.01%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
12	14.41	0.02%	para-Cresol	Phenol
13	15.11	1.00%	Methyl benzoate	Phenolic Ester
14	15.47	5.14%	Linalool	Monoterpenol
15	18.26	1.00%	Benzyl acetate	Phenolic Ester
16	18.61	0.03%	Ethyl benzoate	Phenolic Ester
17	19.58	0.05%	Methyl salicylate	Phenolic Ester
18	19.75	0.10%	alpha-Terpineol	Monoterpenol
19	19.90	0.08%	Methyl chavicol	Phenylpropanoid
20	21.15	0.02%	Nerol	Monoterpenol
21	21.72	0.01%	Neral	Monoterpene Aldehyde
22	22.34	1.04%	Geraniol	Monoterpenol
23	23.08	0.04%	Geranial	Monoterpene Aldehyde
24	23.87	0.03%	(E)-Anethole	Phenylpropanoid
25	24.35	0.01%	1-Nitro-2-phenyl ethane	Phenol
26	25.82	0.16%	delta-Elemene	Sesquiterpene
27	26.48	0.21%	alpha-Cubebene	Sesquiterpene
28	26.71	0.34%	Eugenol	Phenylpropanoid
29	27.08	0.03%	Neryl acetate	Monoterpene Ester
30	27.39	0.16%	alpha-Ylangene	Sesquiterpene
31	27.67	1.24%	alpha-Copaene	Sesquiterpene
32	27.96	7.99%	Geranyl acetate	Monoterpene Ester
33	28.20	0.13%	beta-Cubebene	Sesquiterpene
34	28.29	0.52%	beta-Elemene	Sesquiterpene
35	28.75	0.02%	Cyperene	Sesquiterpene

Client



Source



*Ylang Ylang Complete (Cananga odorata)*  
MG-59391

Number	RT	Area %	Compound Name	Chemical Family
36	28.845	0.02%	Methyl eugenol	Sesquiterpene
37	29.51	15.67%	beta-Caryophyllene	Sesquiterpene
38	29.61	0.06%	Longifolene	Sesquiterpene
39	29.70	0.02%	Thujopsene	Sesquiterpene
40	29.91	1.05%	beta-Copaene	Sesquiterpene
41	30.24	0.03%	Aromadendrene	Sesquiterpene
42	30.63	0.48%	(E)-Cinnamyl acetate	Phenylpropanoid Ester
43	30.76	0.83%	allo-Aromadendrene	Sesquiterpene
44	30.94	4.24%	alpha-Humulene	Sesquiterpene
45	31.21	0.29%	Dauca-5,8-diene	Sesquiterpene
46	31.67	0.25%	trans-Cadina-1(6),4-diene	Sesquiterpene
47	31.81	1.98%	gamma-Murolene	Sesquiterpene
48	32.03	13.42%	Germacrene D	Sesquiterpene
49	32.29	0.03%	beta-Selinene	Sesquiterpene
50	32.41	0.47%	Prenyl benzoate	Monoterpene Ester
51	32.58	0.29%	Bicyclgermacrene	Sesquiterpene
52	32.76	1.20%	alpha-Murolene	Sesquiterpene
53	32.92	2.46%	(Z,E)-alpha-Farnesene	Sesquiterpene
54	33.12	6.82%	(E,E)-alpha-Farnesene	Sesquiterpene
55	33.31	1.16%	gamma-Cadinene	Sesquiterpene
56	33.56	3.88%	delta-Cadinene	Sesquiterpene
57	33.66	0.23%	trans-Calamenene	Sesquiterpene
58	33.91	0.01%	trans-gamma-Bisabolene	Sesquiterpene
59	34.07	0.16%	trans-Cadina-1,4-diene	Sesquiterpene
60	34.24	0.30%	alpha-Cadinene	Sesquiterpene
61	34.70	0.08%	Elemol	Sesquiterpenol
62	35.28	0.10%	(E)-Nerolidol	Sesquiterpenol
63	35.75	0.09%	Maaliol	Sesquiterpenol
64	35.90	0.23%	Caryophyllene oxide	Sesquiterpene Ether
65	36.07	0.08%	Globulol	Sesquiterpenol
66	36.38	0.11%	Viridiflorol	Sesquiterpenol
67	36.55	0.07%	Guaiol	Sesquiterpenol
68	36.96	0.05%	Humulene epoxide II	Sesquiterpene Ether
69	37.22	0.10%	1,10-di-epi-Cubenol	Sesquiterpenol
70	37.41	0.38%	Junenol	Sesquiterpenol

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