

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/26/2018 5:35:33 PM
 Sample Type : Essential Oil
 Sample Name : Ylang Complete
 Sample ID : B0626B
 Injection Volume : 0.10
 Instrument ID : GC-2

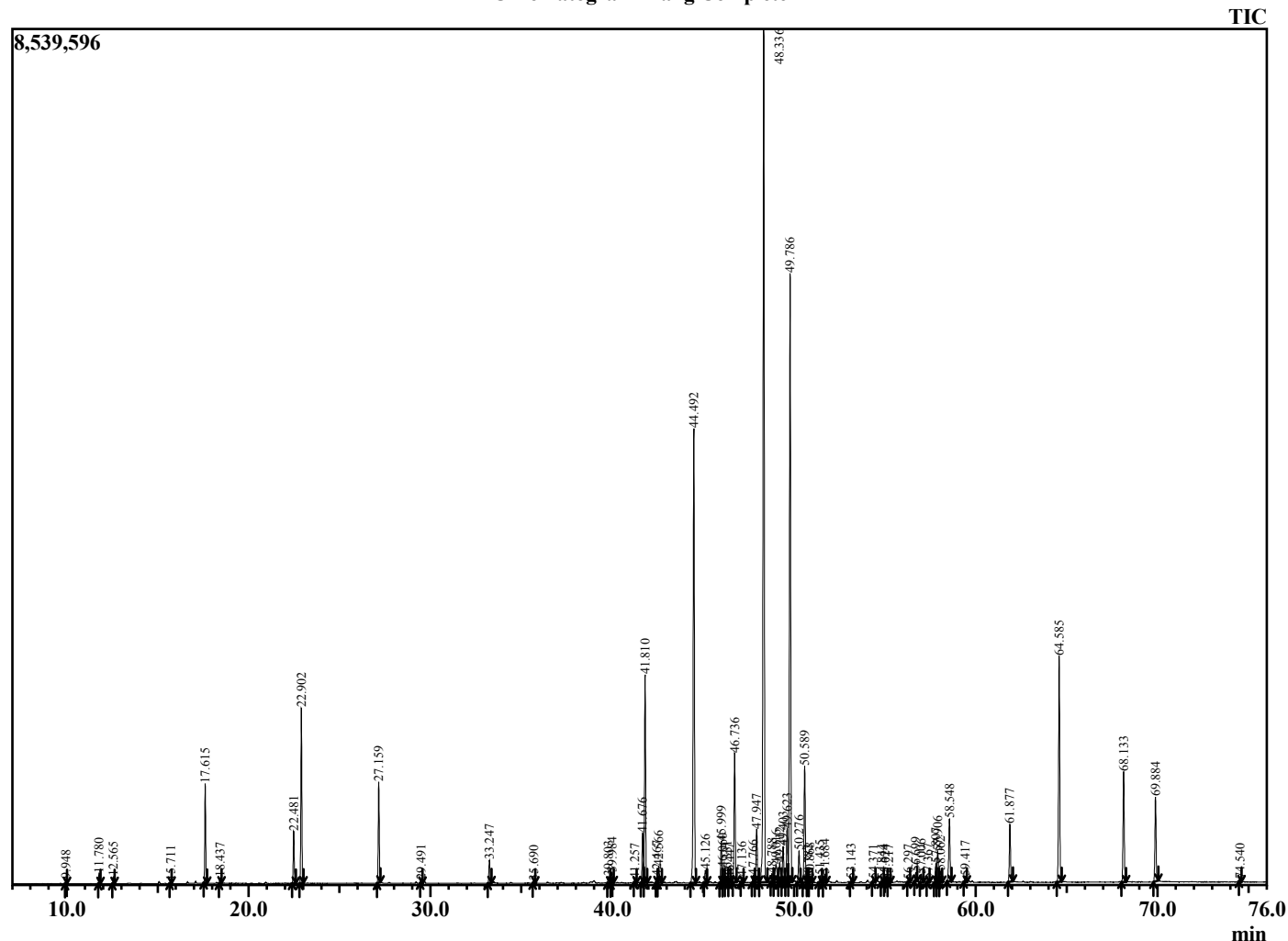
This report is valid for 1 year from the Analyzed Date



Peak Report TIC

R.Time	Name	Area%
9.948	4-Pentenyl acetate	0.07
11.780	Prenyl acetate	0.16
12.565	alpha-Pinene	0.11
15.711	Myrcene	0.04
17.615	para-Methylansiole	1.89
18.437	1,8-Cineole	0.11
22.481	Methyl benzoate	1.10
22.902	Linalool	3.76
27.159	Benzyl acetate	2.19
29.491	alpha-Terpineol	0.07
33.247	Geraniol	0.54
35.690	(E)-Anethole	0.05
39.803	alpha-Cubebene	0.16
39.984	Eugenol	0.24
41.257	alpha-Ylangene	0.10
41.676	alpha-Copaene	1.24
41.810	Geranyl acetate	4.99
42.467	beta-Cubebene	0.14
42.566	beta-Elemene	0.44
44.492	beta-Caryophyllene	12.03
45.126	beta-Copaene	0.32
45.999	(E)-Cinnamyl acetate	1.04
46.060	trans-Isoeugenol	0.28
46.331	cis-Murrola-3,5-diene	0.18
46.447	trans-Murrola-3,5-diene	0.09
46.736	alpha-Humulene	3.31
47.136	cis-Cadina-1(6),4-diene	0.12
47.766	10-beta-H-Cadina-1(6),4-diene	0.18
47.947	trans-Cadina-1(6),4-diene	1.42
48.336	Germacrene D	23.02
48.788	Prenyl benzoate	0.21
49.016	trans-Muurola-4(14),5-diene	0.71
49.212	Bicyclogermacrene	0.53
49.403	alpha-Murolene	0.93
49.623	(Z,E)-alpha-Farnesene	1.50
49.786	(E,E)-alpha-Farnesene	15.29
50.276	gamma-Cadinene	0.80
50.589	delta-Cadinene	3.00
50.782	cis-Calamenene	0.07
50.868	Zonarene	0.14
51.435	trans-Cadine-1,4-diene	0.17
51.684	alpha-Cadinene	0.22
53.143	trans-Nerolidol	0.09
54.371	10-epi-Junenol	0.09
54.844	Unidentified	0.07
55.024	Unidentified	0.07
55.217	Guaiol	0.07
56.297	1,10-di-epi-Cubenol	0.06
56.699	Humulane-1,6-dien-3-ol	0.22
57.006	1-epi-Cubenol	0.23
57.367	Unidentified	0.08
57.807	alpha-Murolol (=Torreyol)	0.48
57.906	epi-alpha-Cadinol	0.88
58.062	delta-Cadinol	0.30
58.548	alpha-Cadinol	1.78
59.417	Unidentified	0.15
61.877	(2E,6E)-Farnesol	1.49
64.585	Benzyl benzoate	5.83
68.133	Farnesyl acetate	2.85
69.884	Benzyl salicylate	2.22
74.540	Geranyl benzoate	0.06
		100.00

Chromatogram Ylang Complete



Comments:

The analysis of this Ylang Ylang Complete batch sample meets the expected chemical profile for authentic essential oil of Cananga odorata. No contamination or adulteration was detected.