

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 2/15/2019 11:17:53 PM
 Sample Type : Essential Oil
 Sample Name : Ylang Ylang I - Barefut
 Sample ID : 0110
 Injection Volume : 0.10
 Instrument ID : GC-4

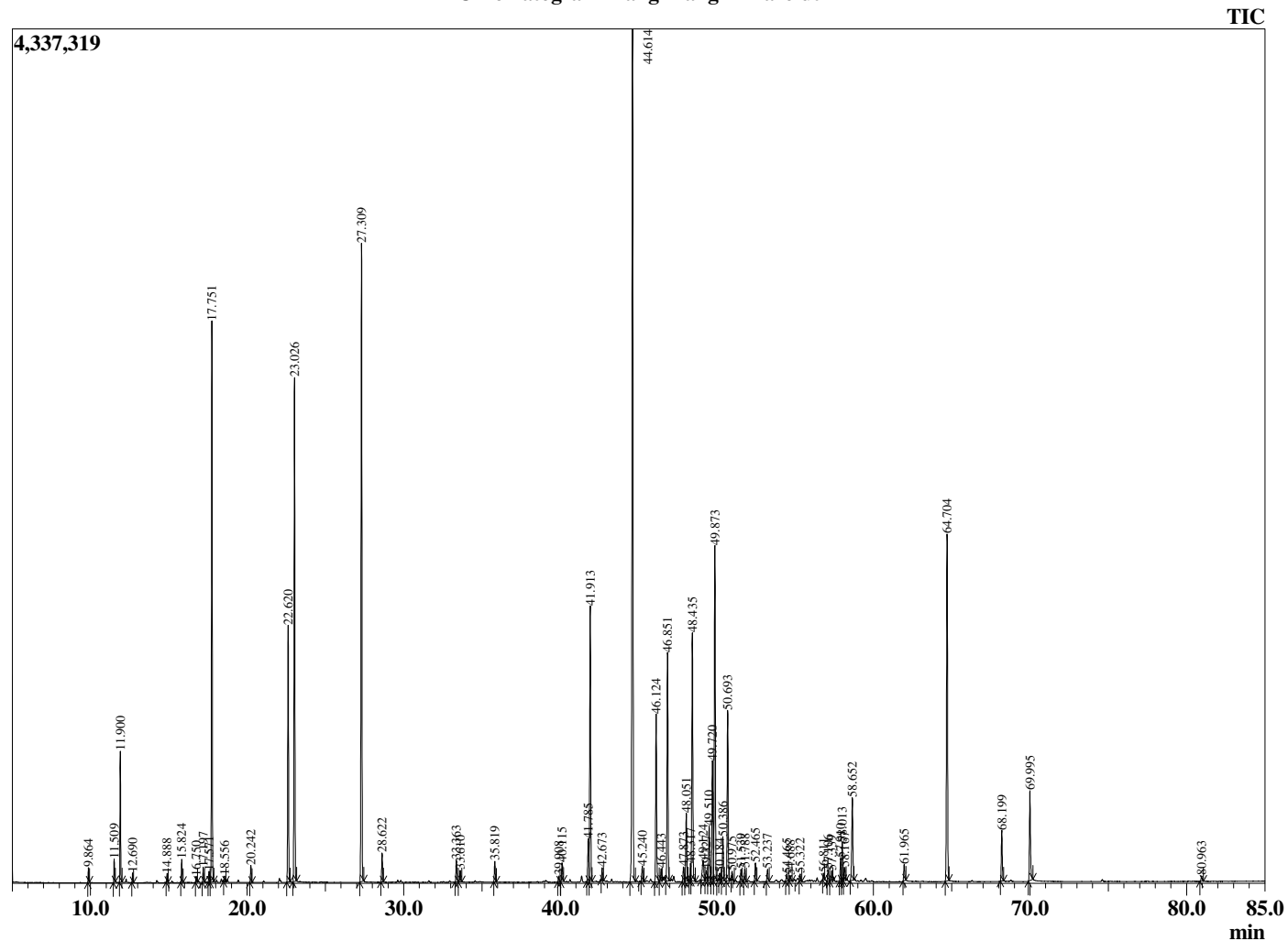


Peak Report TIC

R.Time	Name	Area%
9.864	2-Methylbutyl acetate	0.15
11.509	Amyl acetate	0.27
11.900	Prenyl acetate	1.53
12.690	alpha-Pinene	0.11
14.888	Sabinene	0.11
15.824	Myrcene	0.30
16.750	Hex-3(Z)-enyl acetate	0.08
17.197	Hexyl acetate	0.20
17.571	alpha-Terpinene	0.15
17.751	para-Methylanisole	7.72
18.556	1,8-cineole	0.08
20.242	gamma-Terpinene	0.25
22.620	Methyl benzoate	3.92
23.026	Linalool	7.78
27.309	Benzyl acetate	10.29
28.622	Terpinen-4-ol	0.46
33.363	Geraniol	0.37
33.610	2-Phenethyl acetate	0.20
35.819	(E)-Anethole	0.33
39.908	alpha-Cubebene	0.11
40.115	Eugenol	0.32
41.785	alpha-Copaene	0.77
41.913	Geranyl acetate	4.67
42.673	beta-Elementene	0.19
44.614	beta-Caryophyllene	16.51
45.240	beta-Copaene	0.27
46.124	(E)-Cinnamyl acetate	2.97
46.443	trans-Murrola-3,5-diene	0.23
46.851	alpha-Humulene	4.09
47.873	10-beta-H-Cadina-1(6),4-diene	0.26
48.051	trans-Cadina-1(6),4-diene	1.24
48.317	alpha-Amorphene	0.25
48.435	Germacrene D	4.66
49.124	trans-Murrola-4(14),5-diene	0.55
49.327	Bicyclogermacrene	0.22
49.510	alpha-Murolene	1.04
49.720	(Z,E)-alpha-Farnesene	2.31
49.873	(E,E)-alpha-Farnesene	6.29
50.184	beta-Curcumene	0.12
50.386	gamma-Cadinene	0.79
50.693	delta-Cadinene	3.16
50.975	Zonarene	0.15
51.539	trans-Cadine-1,4-diene	0.21
51.788	alpha-Cadinene	0.23
52.465	Elemol	0.32
53.237	trans-Nerolidol	0.23
54.465	Caryophyllene oxide	0.14
54.688	Globulol	0.11
55.322	Guaiol	0.12
56.811	Humulane-1,6-dien-3-ol	0.10
57.106	1-epi-Cubenol	0.22
57.339	gamma-Eudesmol	0.20
57.910	alpha-Muurolol (=Torreyol)	0.45
58.013	epi-alpha-Cadinol	0.79
58.167	delta-Cadinol	0.25
58.652	alpha-Cadinol	1.72
61.965	(2E,6E)-Farnesol	0.30
64.704	Benzyl benzoate	6.41
68.199	Farnesyl acetate	0.88
69.995	Benzyl salicylate	1.70
80.963	Benzyl cinnamate	0.12
		100.00

This report is valid for 1 year from the analyzed date.

Chromatogram Ylang Ylang I - Barefut



Comments:

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