

Sample Information

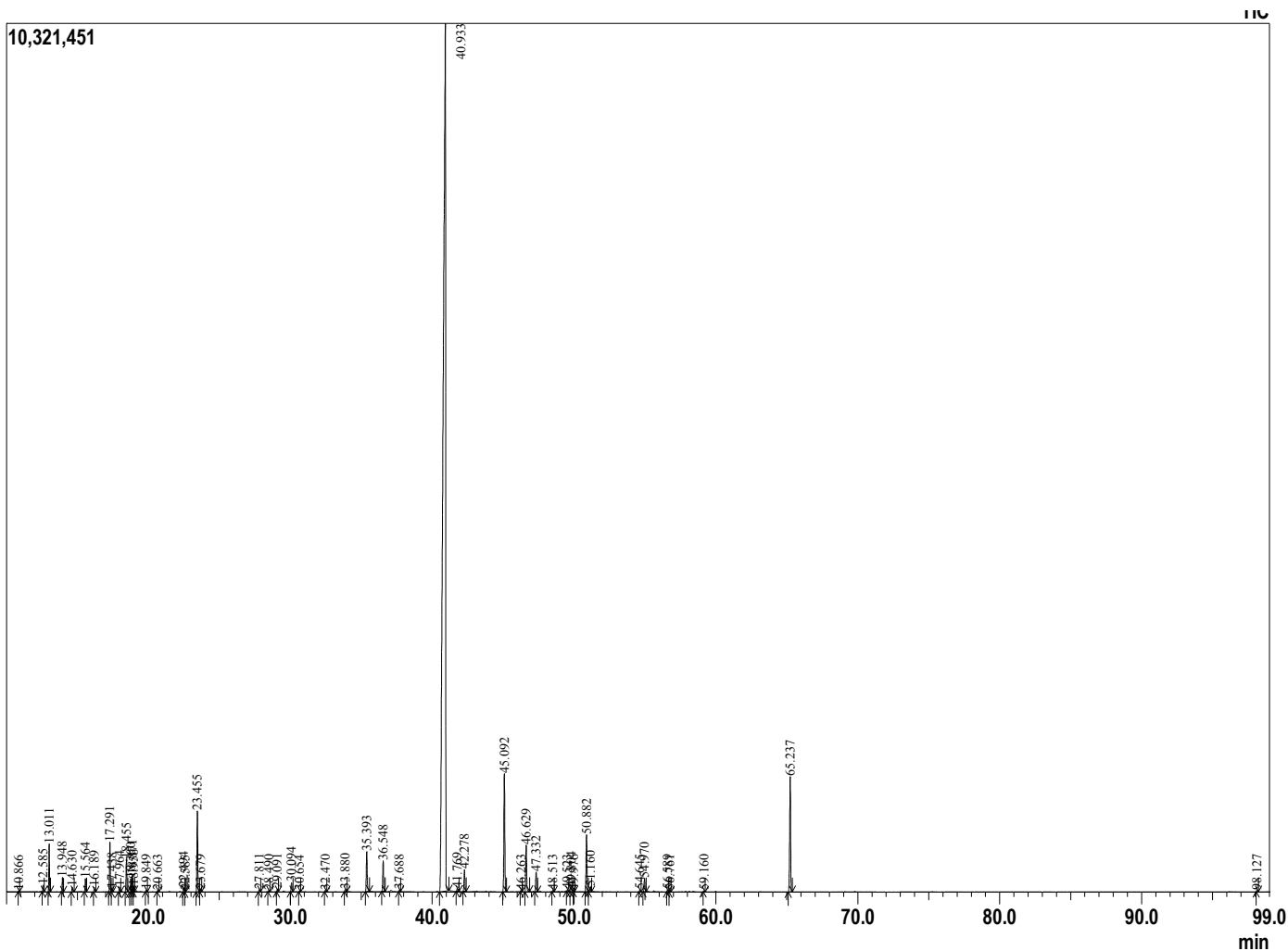
Analyzed by : Dr. Prabodh Satyal
 Analyzed : 3/15/2018 10:37:36 AM
 Sample Type : Essential Oil
 Sample Name : Cinnamon Leaf
 Lot# : 18000060
 Injection Volume : 0.10



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Peak Report TIC

R.Time	Name	Area%
10.866	Styrene	0.01
12.585	Thujene <alpha->	0.14
13.011	Pinene <alpha->	1.04
13.948	Camphene	0.32
14.630	Benzaldehyde	0.13
15.564	Pinene <beta->	0.31
16.189	Myrcene	0.11
17.291	Phellandrene <alpha->	1.21
17.438	delta-3-Carene	0.09
17.964	Terpinene <alpha->	0.12
18.455	Cymene <para->	0.81
18.760	Limonene	0.32
18.871	Phellandrene <beta->	0.43
18.956	1,8-cineole	0.13
19.849	Ocimene <E-beta>	0.04
20.663	Terpinene<gamma->	0.03
22.494	Terpinolene	0.11
22.585	Linalool oxide<trans-> (furanoid)	0.01
23.455	Linalool	2.23
23.679	Methyl butyl-2-methyl butyrate<2>	0.05
27.811	Benzenepropanal	0.06
28.490	Borneol	0.04
29.091	Terpinen-4-ol	0.07
30.094	Terpineol <alpha->	0.26
30.654	Sabinol <cis>	0.02
32.470	Hydrocinnamyl alcohol	0.04
33.880	Chavicol	0.07
35.393	Cinnamaldehyde <E->	1.30
36.548	Safrole	0.91
37.688	Cinnamyl alcohol<E->	0.04
40.933	Eugenol	76.22
41.769	Cinnamyl acetate <hydro>	0.08
42.278	Copaene <alpha>	0.68
45.092	Caryophyllene <trans>	3.75
46.263	Aromadendrene	0.03
46.629	Cinnamyl acetate <trans>	1.44
47.332	Humulene <alpha>	0.63
48.513	Cadina-1(6),4-diene <trans->	0.04
49.523	Viridiflorene (Ledene)	0.04
49.804	Bicyclogermacrene	0.12
49.976	Murolene <alpha>	0.02
50.882	Eugenol <acetate>	1.80
51.160	Cadinene <delta->	0.15
54.645	Spathulenol	0.05
54.970	Caryophyllene oxide	0.44
56.589	Humulene epoxide II	0.05
56.761	Tetradecenal	0.03
59.160	Cadinol<alpha->	0.03
65.237	Benzyl benzoate	3.88
98.127	Dehydrodiugenol	0.05
		100.00



Comments:
 The analysis of this Cinnamon leaf batch sample meets the expected chemical profile of authentic essential oil of Cinnamomum zeylanicum leaf.

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Reviewed by: Ambika Poudel