

Sample Information

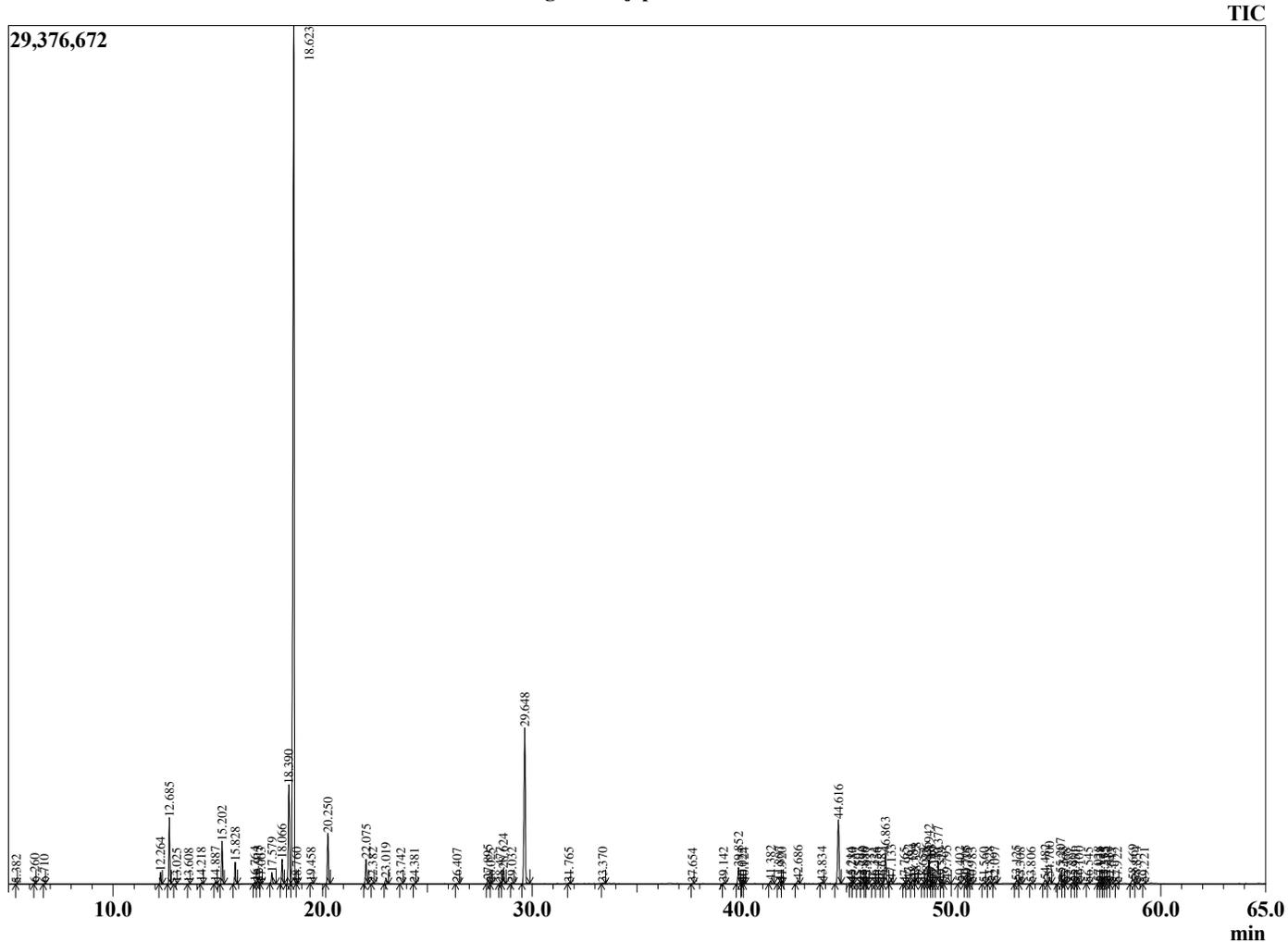
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/11/2021 11:50:50 PM
 Sample Type : Essential Oil
 Sample Name : Cajeput - Edens Garden
 Sample ID : BB01GH
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
4.228	2-Methylbutanal	0.01
5.382	2-Methyl butanol	0.01
6.260	Methyl 2-methylbutyrate	0.04
6.710	Acetylbutyryl	0.02
12.264	alpha-Thujene	0.49
12.685	alpha-Pinene	2.77
13.025	Unidentified	0.03
13.608	Camphene	0.03
14.218	Benzaldehyde	0.06
14.887	Sabinene	0.09
15.202	beta-Pinene	1.95
15.828	Myrcene	0.99
16.764	Pseudolimonene	0.07
16.913	alpha-Phellandrene	0.12
17.063	delta-3-Carene	0.03
17.579	alpha-Terpinene	0.54
18.066	para-Cymene	1.26
18.390	Limonene	6.09
18.623	1,8-Cineole	53.94
18.760	(Z)-beta-Ocimene	0.02
19.458	(E)-beta-Ocimene	0.05
20.250	gamma-Terpinene	2.50
22.075	Terpinolene	1.27
22.382	para-Cymenene	0.03
23.019	Linalool	0.27
23.742	cis-Rose oxide	0.02
24.381	alpha-Fenchol	0.01
26.407	Isopulegol	0.02
27.895	delta-Terpineol	0.20
28.025	Unidentified	0.01
28.477	Unidentified	0.05
28.624	Terpinen-4-ol	0.84
29.032	para-Cymen-8-ol	0.04
29.648	alpha-Terpineol	9.28
31.765	Citronellol	0.04
33.370	Geraniol	0.04
37.654	delta-Terpinyl acetate	0.02
39.142	delta-Elementene	0.04
39.852	alpha-Terpinyl acetate	0.97
40.025	Unidentified	0.02
40.124	Eugenol	0.04
41.382	alpha-Ylangene	0.18
41.807	alpha-Copaene	0.14
41.920	Geranyl acetate	0.02
42.686	beta-Elementene	0.20
43.834	alpha-Gurjunene	0.09
44.616	trans-beta-Caryophyllene	4.09
45.214	gamma-Elementene	0.07
45.280	Calarene	0.01
45.593	alpha-Guaiene	0.04
45.790	Aromadendrene	0.09
45.886	Unidentified	0.02
45.977	6,9-Guaiadiene	0.06
46.324	Unidentified	0.07
46.456	Unidentified	0.04
46.682	Valerna-4,7(11)-diene	0.03
46.863	alpha-Humulene	1.91
47.133	Alloaromadendrene	0.24
47.765	Drima-7,9(11)-diene	0.04
47.962	Selina-4,11-diene	0.25
48.184	Unidentified	0.30
48.328	alpha-Amorphene	0.34

Chromatogram Cajeput - Edens Garden



Comments:

The analysis of this Cajeput batch sample meets the expected chemical profile for authentic essential oil of *Melaleuca cajuputi*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.

R.Time	Name	Area%
48.654	Unidentified	0.04
48.826	delta-Selinene	0.32
48.942	beta-Selinene	1.52
49.063	Viridiflorene	0.21
49.149	trans-Murrola-4(14),5-diene	0.09
49.377	alpha-Selinene	1.43
49.529	alpha-Murolene	0.07
49.795	delta-Amorphene	0.30
50.402	gamma-Cadinene	0.08
50.705	delta-Cadinene	0.18
50.775	Unidentified	0.05
50.983	Zonarene	0.05
51.560	Unidentified	0.03
51.828	Selina-4(15),7(11)-diene	0.11
52.097	Selina-3,7(11)-diene	0.13
53.125	Germacrene B	0.18
53.308	Unidentified	0.04
53.806	Palustrol	0.03
54.482	Caryophyllene oxide	0.24
54.700	Globulol	0.40
55.207	Viridiflorol	0.70
55.333	Guaiol	0.15
55.468	Unidentified	0.01
55.806	Ledol	0.09
55.931	Unidentified	0.01
56.100	Humulene epoxide II	0.08
56.545	Maaliol	0.04
57.028	Intermedeol	0.08
57.128	Unidentified	0.04
57.275	Unidentified	0.02
57.355	gamma-Eudesmol	0.10
57.484	Epicubenol	0.13
57.643	Unidentified	0.02
57.922	tau-Cadinol	0.02
58.669	alpha-Eudesmol	0.37
58.834	Intermedeol	0.10
59.221	Bulnesol	0.02
		100.00