

Sample Information

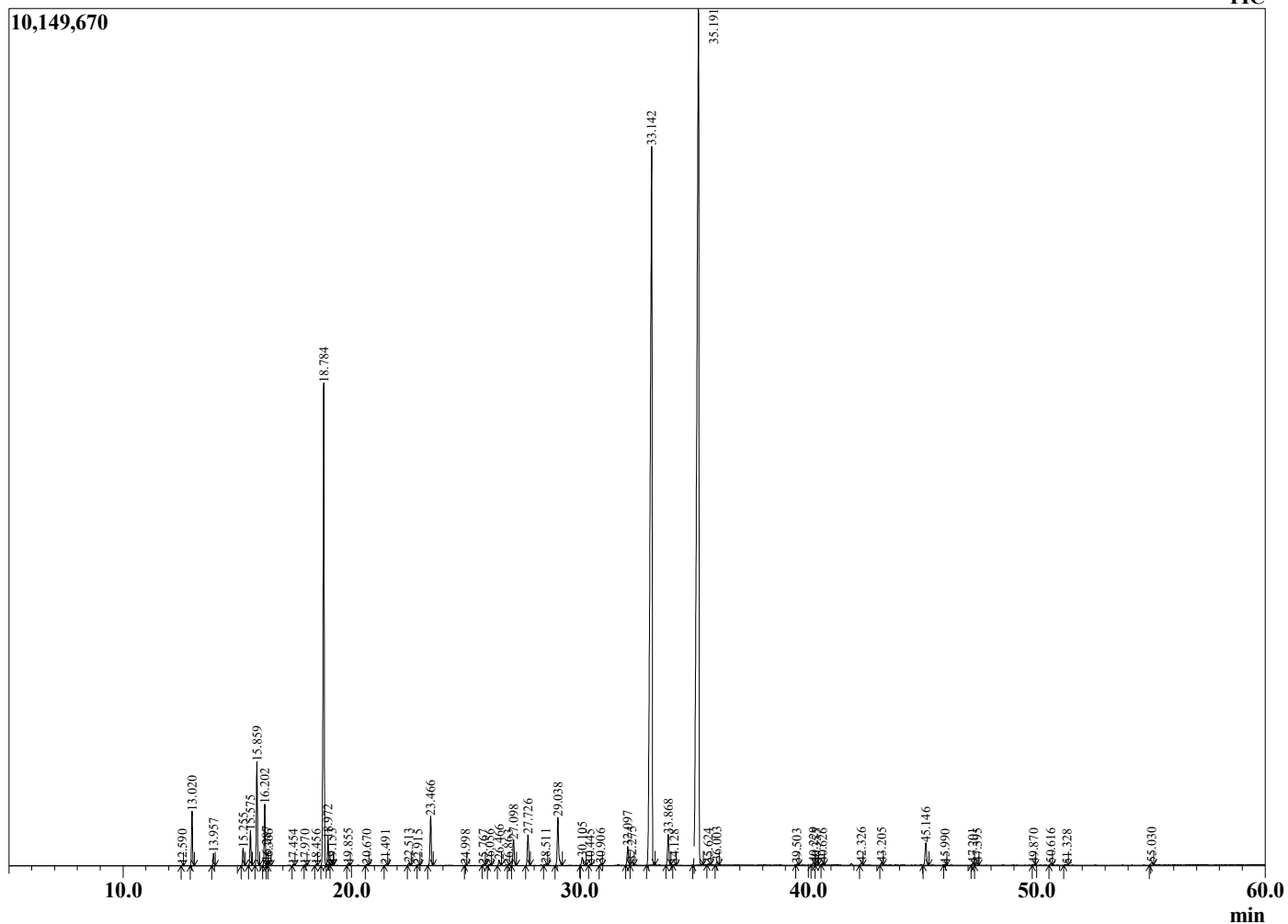
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 7/11/2020 10:13:32 PM
 Sample Type : Essential Oil
 Sample Name : Litsea - Edens Garden
 Sample ID : BA18FAG
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

| R.Time | Name | Area% |
|--------|-------------------------------|--------|
| 3.777 | 2-methyl-3-buten-2-ol | 0.01 |
| 12.590 | alpha-Thujene | 0.02 |
| 13.020 | alpha-Pinene | 1.22 |
| 13.957 | Camphene | 0.29 |
| 15.255 | Sabinene | 0.42 |
| 15.575 | beta-Pinene | 0.84 |
| 15.859 | 6-Methyl hept-5-en-2-one | 2.44 |
| 16.202 | Myrcene | 1.49 |
| 16.287 | dehydro-1,8-Cineole | 0.08 |
| 16.366 | Sulcatol | 0.04 |
| 17.454 | delta-3-Carene | 0.02 |
| 17.970 | alpha-Terpinene | 0.01 |
| 18.456 | 1,3,8-p-Menthatriene | 0.02 |
| 18.784 | Limonene | 12.51 |
| 18.972 | 1,8-cineole | 0.63 |
| 19.153 | cis-beta-Ocimene | 0.03 |
| 19.855 | trans-beta-Ocimene | 0.05 |
| 20.670 | gamma-Terpinene | 0.03 |
| 21.491 | cis-Linalool oxide (furanoid) | 0.02 |
| 22.513 | Terpinolene | 0.06 |
| 22.915 | Rosefuran | 0.01 |
| 23.466 | Linalool | 1.35 |
| 24.998 | trans-para-Mentha-2,8-dienol | 0.02 |
| 25.767 | cis-Limonene oxide | 0.02 |
| 26.056 | trans-Limonene oxide | 0.04 |
| 26.466 | exo-Isocitral | 0.15 |
| 26.863 | Unidentified | 0.01 |
| 27.098 | Citronellal | 0.73 |
| 27.726 | cis-Chrysanthenol | 0.87 |
| 28.511 | Borneol | 0.06 |
| 29.038 | trans-Isocitral | 1.54 |
| 30.105 | alpha-Terpineol | 0.27 |
| 30.445 | Unidentified | 0.03 |
| 30.906 | Unidentified | 0.04 |
| 32.097 | Nerol | 0.57 |
| 32.275 | Citronellol | 0.12 |
| 33.142 | Neral | 30.79 |
| 33.868 | Geraniol | 0.92 |
| 34.128 | Piperitone | 0.02 |
| 35.191 | Geranial | 40.70 |
| 35.624 | Perillaldehyde | 0.03 |
| 36.003 | trans-Carvone oxide | 0.10 |
| 39.503 | Unidentified | 0.03 |
| 40.229 | Geranic acid | 0.09 |
| 40.355 | alpha-Terpinyl acetate | 0.03 |
| 40.626 | Eugenol | 0.05 |
| 42.326 | alpha-Copaene | 0.08 |
| 43.205 | beta-Elementene | 0.07 |
| 45.146 | beta-Caryophyllene | 0.74 |
| 45.990 | trans-alpha-Bergamotene | 0.02 |
| 47.201 | trans-beta-Farnesene | 0.05 |
| 47.395 | alpha-Humulene | 0.07 |
| 49.870 | Bicyclogermacrene | 0.03 |
| 50.616 | beta-Bisabolene | 0.05 |
| 51.328 | (-)-alpha-Panasinene | 0.03 |
| 55.030 | Caryophyllene oxide | 0.09 |
| | | 100.00 |

Chromatogram Litsea - Edens Garden



Comments:

The analysis of this Litsea batch sample meets the expected chemical profile for authentic essential oil of *Litsea cubeba*. 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.