

Sample Information

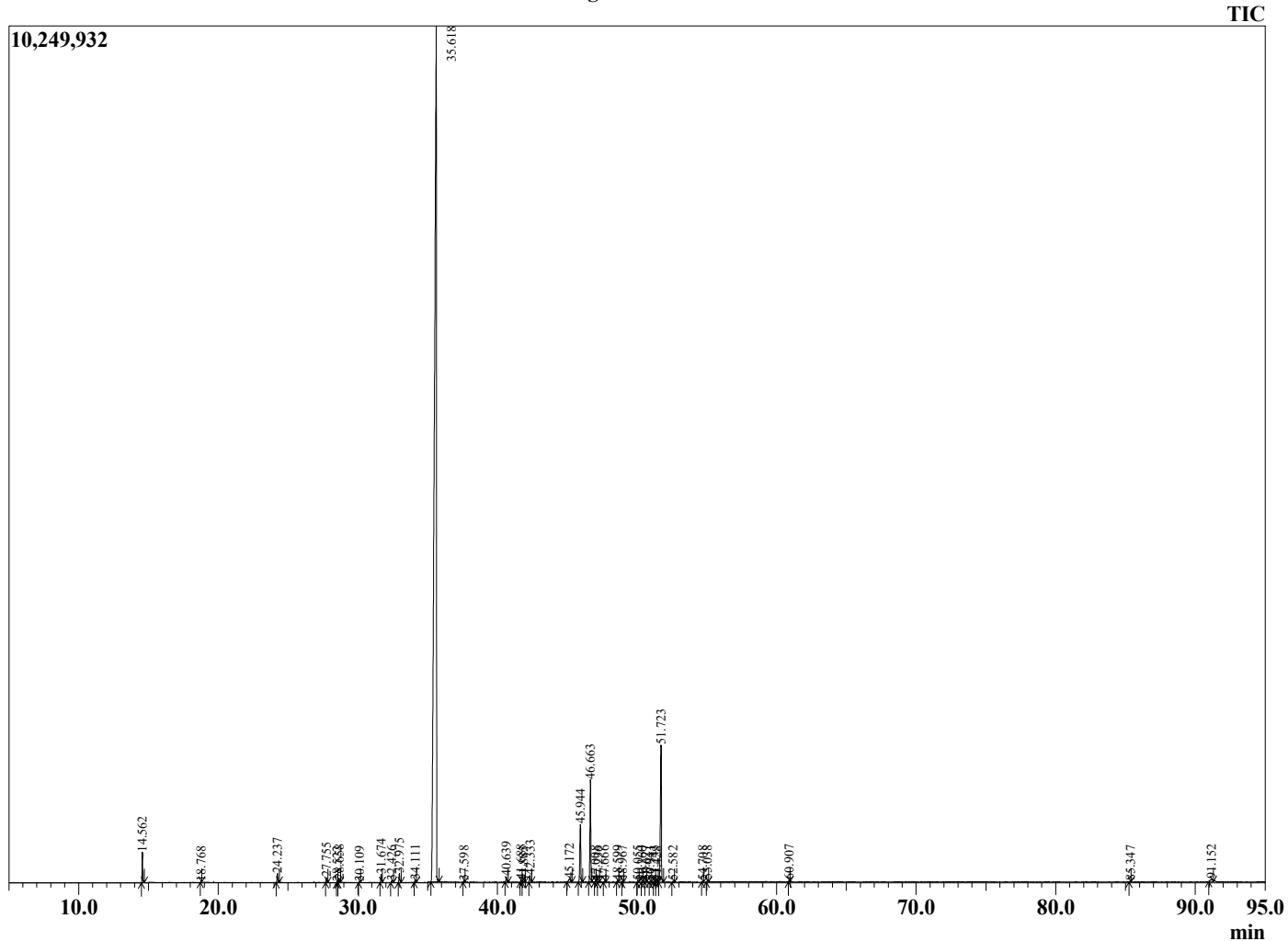
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/29/2020 5:08:18 PM
 Sample Type : Essential Oil
 Sample Name : Cassia - Revive
 Sample ID : 8373
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

| R.Time | Name | Area% |
|--------|-----------------------------|--------|
| 14.562 | Benzaldehyde | 0.90 |
| 18.768 | Limonene | 0.02 |
| 24.237 | Phenethyl alcohol | 0.32 |
| 27.755 | Hydrocinnamaldehyde | 0.19 |
| 28.522 | Borneol | 0.04 |
| 28.658 | 2-methylbenzofuran | 0.10 |
| 30.109 | alpha-Terpineol | 0.03 |
| 31.674 | (Z)-Cinnamaldehyde | 0.30 |
| 32.426 | Hydrocinnamic alcohol | 0.08 |
| 32.975 | ortho-Anisaldehyde | 0.33 |
| 34.111 | 2-Phenethyl acetate | 0.10 |
| 35.618 | (E)-Cinnamaldehyde | 82.85 |
| 37.598 | (E)-Cinnamyl alcohol | 0.04 |
| 40.639 | Eugenol | 0.22 |
| 41.688 | Unidentified | 0.09 |
| 41.885 | Isoledene | 0.04 |
| 42.333 | alpha-Copaene | 0.27 |
| 45.172 | Cinnamic acid | 0.24 |
| 45.944 | Coumarin | 2.49 |
| 46.663 | (E)-Cinnamyl acetate | 3.97 |
| 47.008 | Unidentified | 0.03 |
| 47.236 | Unidentified | 0.02 |
| 47.666 | Aromadendrene | 0.05 |
| 48.599 | trans-Cadina-1(6),4-diene | 0.07 |
| 48.967 | Ar-Curcumene | 0.05 |
| 50.055 | alpha-Murolene | 0.06 |
| 50.360 | Unidentified | 0.03 |
| 50.627 | beta-Bisabolene | 0.06 |
| 50.941 | gamma-Cadinene | 0.04 |
| 51.243 | delta-Cadinene | 0.07 |
| 51.428 | trans-Calamenene | 0.03 |
| 51.723 | ortho-Methoxycinnamaldehyde | 6.26 |
| 52.582 | trans-alpha-Bisabolene | 0.05 |
| 54.708 | Spathulenol | 0.04 |
| 55.038 | Caryophyllene oxide | 0.09 |
| 60.907 | alpha-Bisabolol | 0.08 |
| 85.347 | Phenethyl cinnamate | 0.05 |
| 91.152 | Unidentified | 0.27 |
| | | 100.00 |

Chromatogram Cassia - Revive



Comments:

The analysis of this Cassia batch sample meets the expected chemical profile for authentic essential oil of *Cinnamomum cassia*. 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.