

# Sample Information

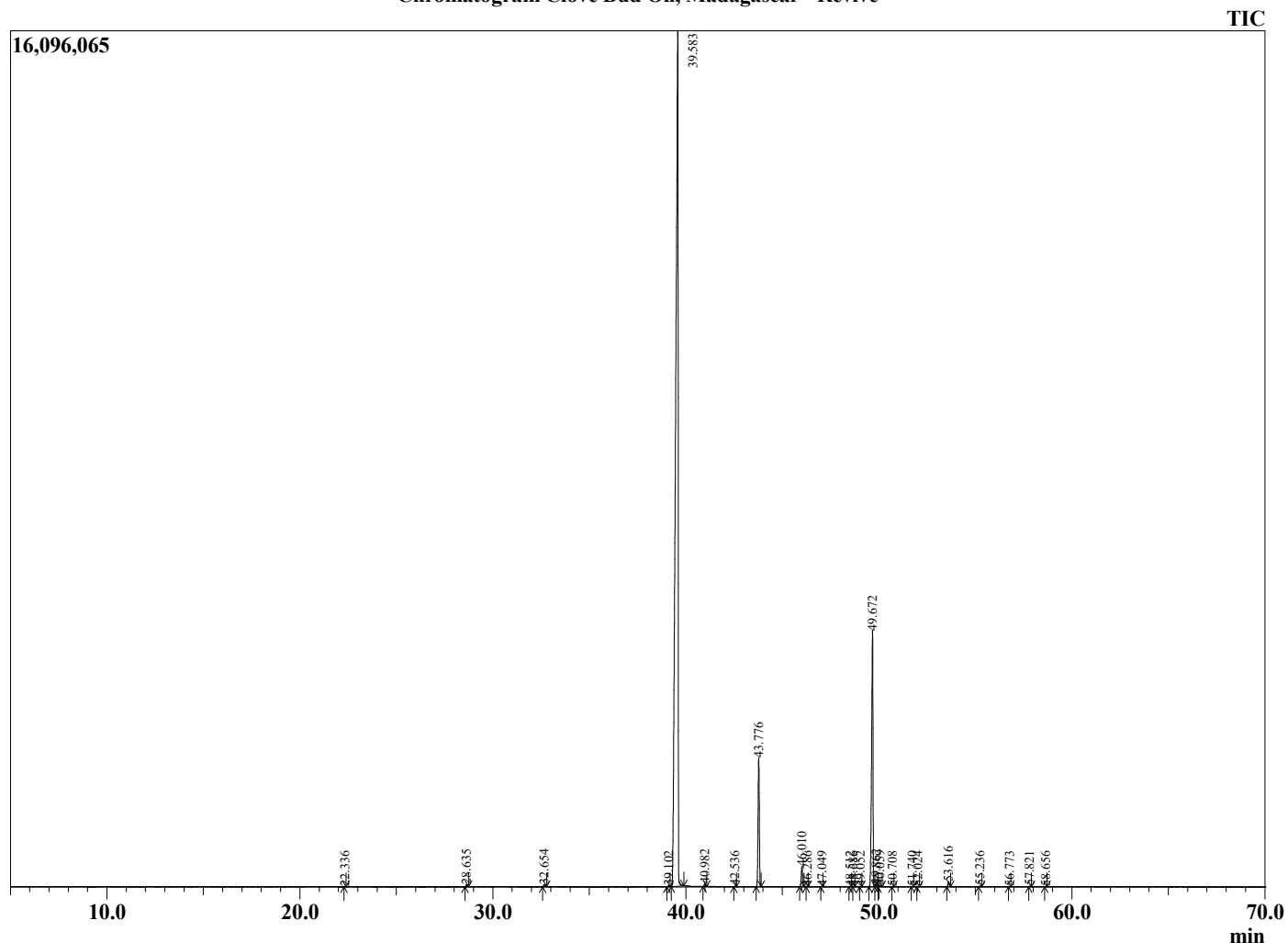
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 12/21/2023 11:46:30 AM  
 Sample Type : Essential Oil  
 Sample Name : Clove Bud Oil, Madagascar - Revive  
 Sample ID : 9K  
 Injection Volume : 0.10  
 Instrument ID: : GC-3



## Peak Report TIC

| R.Time | Name                                   | Area%  |
|--------|--|--------|
| 22.336 | Linalool                               | 0.01   |
| 28.635 | Methyl salicylate                      | 0.08   |
| 32.654 | Chavicol                               | 0.09   |
| 39.102 | alpha-Cubebene                         | 0.04   |
| 39.583 | Eugenol                                | 79.68  |
| 40.982 | alpha-Copaene                          | 0.11   |
| 42.536 | Methyleugenol                          | 0.02   |
| 43.776 | trans-beta-Caryophyllene               | 5.84   |
| 46.010 | alpha-Humulene                         | 0.87   |
| 46.286 | Aromandendrene                         | 0.01   |
| 47.049 | Cadina-1(6),4-diene                    | 0.01   |
| 48.512 | Unidentified                           | 0.01   |
| 48.686 | Unidentified                           | 0.01   |
| 49.052 | trans,trans-alpha-Farnesene            | 0.01   |
| 49.672 | Eugenyl acetate                        | 12.70  |
| 49.862 | delta-Cadinene                         | 0.11   |
| 50.059 | trans-Calamenene                       | 0.05   |
| 50.708 | trans-Cadina-1,4-diene                 | 0.01   |
| 51.740 | Unidentified                           | 0.01   |
| 52.024 | Unidentified                           | 0.02   |
| 53.616 | Caryophyllene oxide                    | 0.24   |
| 55.236 | Humulene epoxide II                    | 0.02   |
| 56.773 | Caryophylla-4(12),8(13)-dien-5-beta-ol | 0.02   |
| 57.821 | Unidentified                           | 0.02   |
| 58.656 | Unidentified                           | 0.01   |
|        |  | 100.00 |

## Chromatogram Clove Bud Oil, Madagascar - Revive



## Comments:

The analysis of this Clove Bud batch sample meets the expected chemical profile for authentic essential oil of *Eugenia caryophyllata*. 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.