

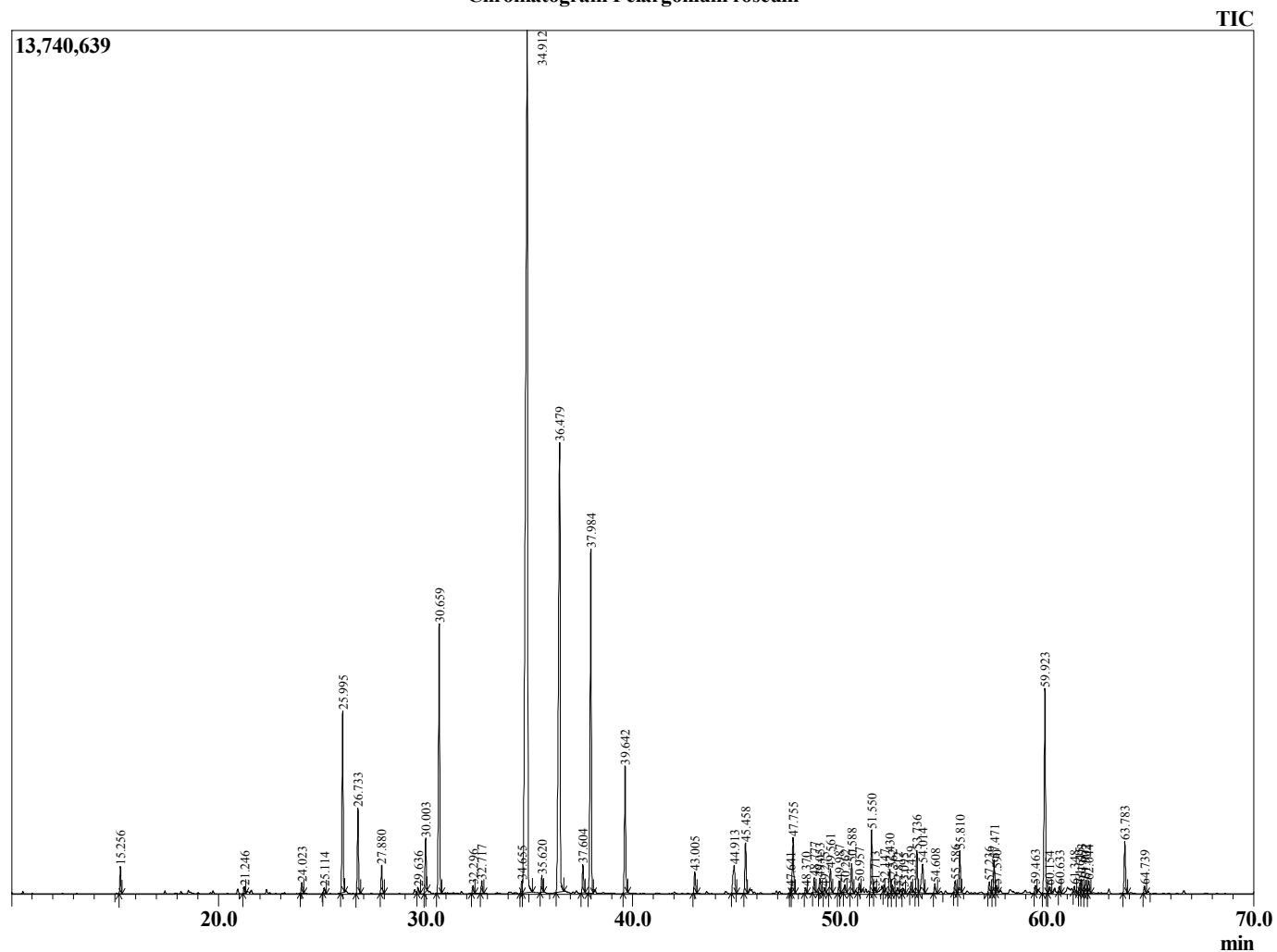
# Sample Information

Sample Type : Essential Oil  
Sample Name : Pelargonium roseum :  
Injection Volume 0.10

Geranium Rose  
Lot# MAK24-KW  
Country: Madagascar



Chromatogram Pelargonium roseum



Peak Report TIC

| R.Time | Name                            | Area% |
|--------|---------------------------------|-------|
| 15.256 | alpha-Pinene                    | 0.48  |
| 21.246 | Limonene                        | 0.14  |
| 24.023 | cis-Linalool oxide (furanoid)   | 0.22  |
| 25.114 | trans-Linalool oxide (furanoid) | 0.13  |
| 25.995 | Linalool                        | 3.94  |
| 26.733 | cis-Rose oxide                  | 1.82  |
| 27.880 | trans-Rose oxide                | 0.62  |
| 29.636 | Citronellal                     | 0.14  |
| 30.003 | Menthone                        | 1.12  |
| 30.659 | Isomenthone                     | 6.27  |
| 32.296 | Isomenthol                      | 0.17  |
| 32.717 | alpha-Terpineol                 | 0.28  |
| 34.655 | Nerol                           | 0.26  |
| 34.912 | Citronellol                     | 34.72 |
| 35.620 | Neral                           | 0.36  |
| 36.479 | Geraniol                        | 13.97 |
| 37.604 | Geranial                        | 0.63  |
| 37.984 | Citronellyl formate             | 8.20  |
| 39.642 | Geranyl formate                 | 2.88  |
| 43.005 | Unidentified                    | 0.52  |
| 44.913 | alpha-Copaene                   | 1.04  |
| 45.458 | beta-Bourbonene                 | 1.23  |
| 47.641 | beta-Ylangene                   | 0.11  |
| 47.755 | beta-Caryophyllene              | 1.39  |
| 48.370 | beta-Copaene                    | 0.11  |
| 48.777 | Citronellyl propionate          | 0.33  |
| 49.053 | 6,9-Guaiaadiene                 | 0.34  |
| 49.275 | Unidentified                    | 0.12  |
| 49.561 | Unidentified                    | 0.59  |
| 49.987 | alpha-Humulene                  | 0.30  |
| 50.262 | Alloaromadendrene               | 0.18  |
| 50.588 | Geranyl propionate              | 0.68  |
| 50.957 | 10-beta-H-Cadina-1(6),4-diene   | 0.23  |
| 51.550 | Germacrene D                    | 1.52  |
| 51.713 | Unidentified                    | 0.14  |
| 52.147 | Viridiflorene (Ledene)          | 0.15  |
| 52.430 | Bicyclogermacrene               | 0.62  |
| 52.562 | alpha-Murolene                  | 0.20  |
| 52.812 | (E,E)-alpha-Farnesene           | 0.16  |
| 53.095 | 4-epi-cis-Dihydroagarofuran     | 0.13  |
| 53.459 | gamma-Cadinene                  | 0.23  |
| 53.736 | delta-Cadinene                  | 1.00  |
| 54.014 | Citronellyl butyrate            | 1.03  |
| 54.608 | trans-Cadina-1,4-diene          | 0.25  |
| 55.586 | Unidentified                    | 0.27  |
| 55.810 | Geranyl butyrate                | 1.01  |
| 57.236 | Spathulenol                     | 0.28  |
| 57.471 | Phenethyl tiglate               | 0.82  |
| 57.590 | Caryophyllene oxide             | 0.17  |
| 59.463 | 1,10-di-epi-Cubenol             | 0.18  |
| 59.923 | 10-epi-gamma-Eudesmol           | 5.27  |
| 60.154 | 1-epi-Cubenol                   | 0.17  |
| 60.633 | Eremoligenol isomer             | 0.14  |
| 61.348 | Geranyl isovalerate             | 0.12  |
| 61.615 | Valerianol                      | 0.24  |
| 61.693 | alpha-Eudesmol                  | 0.36  |

| R.Time | Name                | Area%  |
|--------|---------------------|--------|
| 61.902 | Citronellyl tiglate | 0.32   |
| 62.044 | Unidentified        | 0.32   |
| 63.783 | Geranyl tiglate     | 1.24   |
| 64.739 | (2E,6E)-Farnesol    | 0.17   |
|        |                     | 100.00 |