

# Sample Information

Sample Type : Essential Oil  
Sample Name : Citrus deliciosa

Mandarin Yellow  
Lot# ITR13-RT  
Country: Italy

## Peak Report TIC

| R.Time | Name                          | Area%  |
|--------|-------------------------------|--------|
| 14.412 | alpha-Thujene                 | 0.17   |
| 14.881 | alpha-Pinene                  | 1.94   |
| 15.867 | Camphene                      | 0.01   |
| 17.202 | Sabinene                      | 0.25   |
| 17.553 | beta-Pinene                   | 1.42   |
| 18.144 | Myrcene                       | 1.42   |
| 19.025 | Octanal                       | 0.09   |
| 19.316 | alpha-Phellandrene            | 0.02   |
| 19.477 | delta-3-Carene                | 0.07   |
| 19.856 | 1,4-Cineole                   | 0.03   |
| 20.008 | alpha-Terpinene               | 0.08   |
| 20.523 | para-Cymene                   | 0.46   |
| 20.995 | Limonene                      | 72.84  |
| 21.897 | trans-beta-Ocimene            | 0.04   |
| 22.832 | gamma-Terpinene               | 19.30  |
| 23.489 | 1-Octanol                     | 0.03   |
| 23.584 | cis-Linalool oxide (furanoid) | 0.04   |
| 23.726 | Pinol                         | 0.03   |
| 24.623 | Terpinolene                   | 0.21   |
| 25.533 | Linalool                      | 0.24   |
| 25.886 | Nonanal                       | 0.01   |
| 27.130 | trans-para-Mentha-2,8-dienol  | 0.05   |
| 27.533 | Unidentified                  | 0.00   |
| 27.900 | cis-Limonene oxide            | 0.17   |
| 28.195 | trans-Limonene oxide          | 0.15   |
| 28.584 | Unidentified                  | 0.01   |
| 29.188 | Citronellal                   | 0.01   |
| 31.096 | Unidentified                  | 0.02   |
| 31.257 | Terpinen-4-ol                 | 0.01   |
| 31.664 | para-Cymen-8-ol               | 0.02   |
| 32.247 | alpha-Terpineol               | 0.03   |
| 32.315 | Unidentified                  | 0.02   |
| 32.575 | cis-Piperitol                 | 0.04   |
| 32.937 | Decanal                       | 0.08   |
| 33.856 | trans-Carveol                 | 0.07   |
| 34.766 | trans-Piperitol               | 0.06   |
| 35.576 | Carvone                       | 0.04   |
| 37.756 | Perillaldehyde                | 0.01   |
| 39.726 | Unidentified                  | 0.02   |
| 46.280 | Methyl N-methylantranilate    | 0.33   |
| 46.450 | Dodecanal                     | 0.01   |
| 47.225 | beta-Caryophyllene            | 0.04   |
| 51.944 | alpha-Selinene                | 0.00   |
| 52.302 | (E,E)-alpha-Farnesene         | 0.04   |
| 52.564 | beta-Bisabolene               | 0.01   |
| 57.268 | Globulol                      | 0.01   |
| 66.189 | alpha-Sinensal                | 0.05   |
|        |                               | 100.00 |

## Chromatogram Citrus deliciosa

