

Appalachian Valley  
Natural Products  
*Anatolian Treasures*

**Lavender Spike**  
(*Lavendula latifolia*)

**Lot#: SPP22-PY**

Country: Spain

260 Maple St. PO Box 515

Friendsville MD 21531

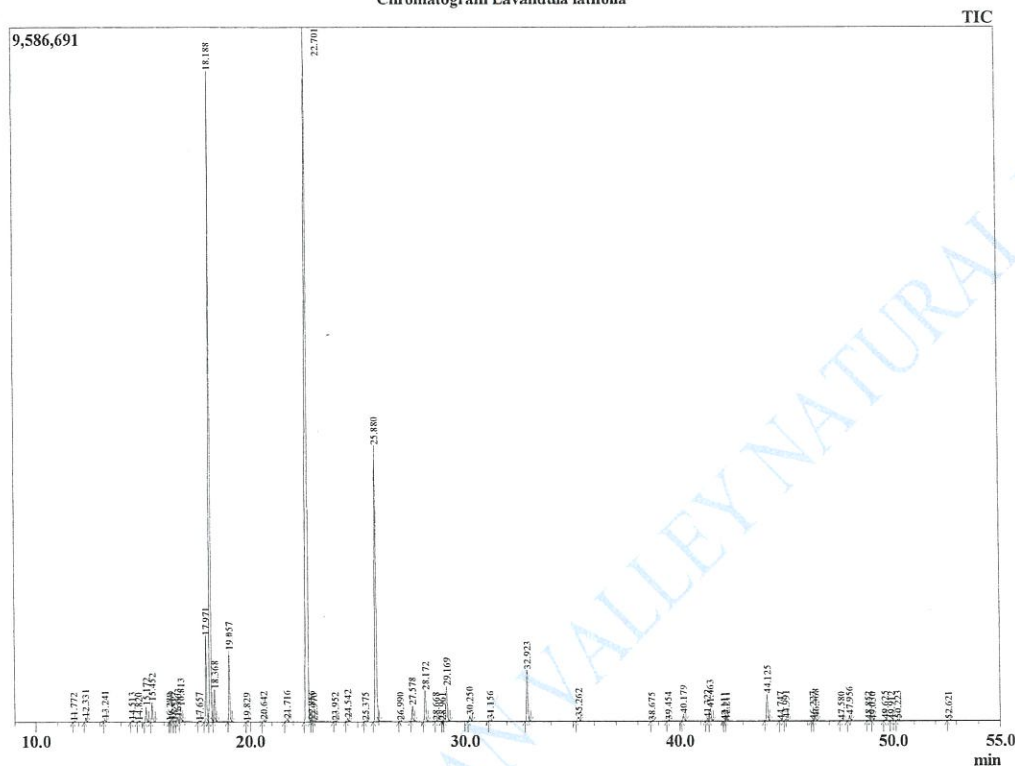
(301)746-4630

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### Sample Information

Analyzed : 10/11/2018 3:25:34 PM  
Sample Type : Essential Oil  
Sample Name : *Lavandula latifolia*  
Injection Volume : 0.10

### Chromatogram *Lavandula latifolia*



## Peak Report TIC

| R. Time | Name                            | Area% |
|---------|---------------------------------|-------|
| 11.772  | Tricyclene                      | 0.02  |
| 12.331  | alpha-Pinene                    | 0.14  |
| 13.241  | Camphene                        | 0.10  |
| 14.513  | Sabinene                        | 0.04  |
| 14.820  | beta-Pinene                     | 0.02  |
| 15.172  | 3-Octanone                      | 0.54  |
| 15.452  | Myrcene                         | 0.71  |
| 16.280  | Octanal                         | 0.01  |
| 16.369  | Pseudolimonene                  | 0.07  |
| 16.517  | alpha-Phellandrene              | 0.03  |
| 16.663  | delta-3-Carene                  | 0.16  |
| 16.813  | Hexyl acetate                   | 0.55  |
| 17.657  | para-Cymene                     | 0.03  |
| 17.971  | Limonene                        | 3.44  |
| 18.188  | 1,8-Cineole                     | 26.04 |
| 18.368  | cis-beta-Occimene               | 1.21  |
| 19.057  | trans-beta-Occimene             | 2.59  |
| 19.829  | delta-3-Carene                  | 0.01  |
| 20.642  | cis-Linalool oxide (furanoid)   | 0.06  |
| 21.716  | trans-Linalool oxide (furanoid) | 0.13  |
| 22.701  | Linalool                        | 41.83 |
| 22.856  | Hotrienol                       | 0.08  |
| 22.970  | Unidentified                    | 0.01  |
| 23.952  | alpha-Fenchol                   | 0.02  |
| 24.542  | allo-Occimene                   | 0.13  |
| 25.375  | neo-allo-Occimene               | 0.03  |
| 25.880  | Camphor                         | 12.52 |
| 26.990  | Citronellal                     | 0.02  |
| 27.578  | Borneol                         | 0.66  |
| 28.172  | Terpinen-4-ol                   | 1.31  |
| 28.668  | Unidentified                    | 0.01  |
| 28.961  | Hexyl butyrate                  | 0.02  |
| 29.169  | alpha-Terpinol                  | 1.48  |
| 30.250  | Octyl acetate                   | 0.25  |
| 31.156  | Nerol                           | 0.08  |
| 32.923  | Linalyl acetate                 | 2.26  |
| 35.262  | Bornyl acetate                  | 0.23  |
| 38.675  | delta-Elementene                | 0.01  |
| 39.454  | alpha-Cubebene                  | 0.01  |
| 40.179  | Neryl acetate                   | 0.31  |
| 41.322  | alpha-Copaene                   | 0.13  |
| 41.463  | Geranyl acetate                 | 0.67  |
| 42.111  | Unidentified                    | 0.01  |
| 42.211  | beta-Elementene                 | 0.03  |
| 44.125  | beta-Caryophyllene              | 1.29  |
| 44.747  | gamma-Elementene                | 0.02  |
| 49.991  | trans-alpha-Bergamotene         | 0.11  |
| 46.227  | trans-beta-Farnesene            | 0.03  |
| 46.368  | alpha-Humulene                  | 0.17  |
| 47.580  | trans-Cadin-1(6),4-diene        | 0.04  |
| 47.956  | Germacrene D                    | 0.24  |
| 48.852  | Bicyclogermacrene               | 0.03  |
| 49.030  | alpha-Murolene                  | 0.01  |
| 49.625  | beta-Bisabolene                 | 0.05  |
| 49.912  | gamma-Cadinene                  | 0.02  |
| 50.223  | delta-Cadinene                  | 0.07  |

| R.Time | Name         | Area%  |
|--------|--------------|--------|
| 52.621 | Unidentified | 0.02   |
|        |              | 100.00 |