

## Certificate of Analysis - Spike Lavender

|                    |   |
|--------------------|---|
| Reference Name:    | Spike lavender  |
| CAS:               | 8016-78-2   |
| Botanical Species: | Lavandula latifolia (L.) Medikus (L. latifolia Vill.), fam. Lamiaceae |

|        |                     |       |   |
|--------|---------------------|-------|---|
| 0.01%  | Tricyclene          | 0.01% | 6-Methyl-3,5-heptadien-2-one              |
| 4.77%  | alpha-Pinene        | 0.01% | (Z)-3-Hexenol                             |
| 1.08%  | Camphene            | 0.09% | 1-Octenol-3                               |
| 0.37%  | Sabinene            | 0.01% | 1-Hexanol                                 |
| 4.10%  | beta-Pinene         | 0.11% | cis-Linalool oxide (5) (furanoid)         |
| 0.80%  | Myrcene             | 0.50% | Lavandulol                                |
| 0.01%  | alpha-Phellandrene  | 0.02% | Hexyl butyrate                            |
| 1.39%  | para-Cymene         | 0.05% | 3-Octanone                                |
| 3.18%  | Limonene            | 0.01% | cis-Linalool oxide (6) (pyranoid)         |
| 0.47%  | (Z)-beta-Ocimene    | 0.18% | trans-Linalool oxide (6) (pyranoid)       |
| 0.08%  | (E)-beta-Ocimene    | 0.53% | gamma-Terpineol                           |
| 0.15%  | gamma-Terpinene     | 0.11% | Acetone                                   |
| 0.07%  | Terpinolene         | 0.01% | beta-Bergamotene                          |
| 27.06% | Linalool            | 0.02% | Hexyl tiglate                             |
| 1.69%  | Borneol             | 0.06% | hexyl 2-methylbutyrate                    |
| 0.36%  | Terpinen-4-ol       | 0.74% | Plinol (isomer)                           |
| 2.67%  | alpha-Terpineol     | 0.47% | 5,5,6-Trimethylbicyclo[2.2.1]heptan-2-one |
| 0.69%  | Nerol               |       |   |
| 0.35%  | Geraniol            |       |   |
| 22.90% | 1,8-Cineole         |       |   |
| 16.25% | Camphor             |       |   |
| 1.06%  | Linalyl acetate     |       |   |
| 0.88%  | Neryl acetate       |       |   |
| 2.17%  | beta-Caryophyllene  |       |   |
| 0.16%  | alpha-Humulene      |       |   |
| 0.18%  | gamma-Cadinene      |       |   |
| 0.09%  | p-Cymen-8-ol        |       |   |
| 0.07%  | Myrtenol            |       |   |
| 0.31%  | beta-Farnesene      |       |   |
| 0.29%  | Caryophyllene oxide |       |   |
| 0.20%  | Germacrene D        |       |   |
| 0.06%  | T-Cadinol           |       |   |
| 0.01%  | Hexyl isobutyrate   |       |   |
| 0.07%  | Cryptone            |       |   |
| 0.02%  | beta-Bisabolol      |       |   |