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with Pure Essential Oils Since 1995

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## Certificate of Analysis

### Lavender CO2

Batch #BU-58986

**PRODUCT NAME** LAVENDER CO2 EXTRACT

**CAS** 84776-65-8

| PRODUCT TYPE             | ESSENTIAL OIL   |               | CO2 EXTRACT  |     |
|--------------------------|---|---------------|--------------|-----|
|                          | [ ]   | [ ]           | [X]          | [ ] |
|                          |   | SELECT        | TOTAL        |     |
|                          |   | [X]           | [ ]          |     |
| <b>ORGANIC STATUS</b>    | Organic   | In conversion | Conventional |     |
| <b>REGULATIONS</b>       | EEC 834/2007 [X]<br>USDA NOP [X]  | [ ]<br>[ ]    | [ ]          |     |
| <b>LOT NUMBER</b>        | LAECBLSE0219  |               |              |     |
| <b>RAW MATERIAL</b>      | Lavender flowers  |               |              |     |
| <b>ORIGIN</b>            | Bulgaria  |               |              |     |
| <b>INCI NAME</b>         | Lavandula angustifolia extract  |               |              |     |
| <b>PRODUCTION METHOD</b> | Supercritical fluid extraction with natural, food grade carbon dioxide  |               |              |     |
| <b>CO-SOLVENT USED</b>   | N/a   |               |              |     |
| <b>APPEARANCE</b>        | Transparent, pale yellow liquid with a sweet odor typical of lavender   |               |              |     |
| <b>APPLICATIONS</b>      | <b>FLAVOR:</b> n/a<br><b>ACTIVE INGREDIENT:</b> Cosmetic and skin care formulations<br><b>FRAGRANCE:</b> Perfumery and aromatherapy |               |              |     |
| <b>DOSAGE</b>            | <b>FLAVOR:</b> n/a<br><b>ACTIVE INGREDIENT:</b> max. 3%<br><b>FRAGRANCE:</b> individual formulation                                 |               |              |     |
| <b>STABILITY:</b>        | Closed pack under cool storage and exclusion of light at least 5 years  |               |              |     |

#### MACROCOMPONENTS' CONTENT IN LAVENDER CO2 EXTRACT

| No. | COMPONENT NAME        | CONTENT,% |
|-----|-----------------------|-----------|
| 1   | Linalylacetate        | 40,40     |
| 2   | Linalool              | 26,10     |
| 3   | Beta-Caryophyllen     | 4,40      |
| 4   | Cis-Beta-Ocimene      | 4,10      |
| 5   | Trans-Beta-Ocymene    | 4,30      |
| 6   | Lavandulol acetate    | 3,50      |
| 7   | Terpinene-4-ol        | 3,10      |
| 8   | 1-Octene-3-yl-acetate | 1,30      |
| 9   | 3-Octanone            | 1,00      |
| 10  | Lavandulol            | 1,00      |
| 11  | 1,8-cineole           | 0,90      |
| 12  | Alpha-Terpineol       | 0,80      |
| 13  | Camphor               | 0,40      |
| 14  | Beta-Myrcene          | 0,30      |