

## CERTIFICATE OF ANALYSIS

Organic Essential Oil of Lavandin Super from Spain  
100% pure and natural

Botanical name : *Lavandula x burnatii Briq. (syn: Lavandula x intermedia Emeric ex Loisel.)*  
 Commercial name : Organic Lavandin Super  
 Batch number : **1616628**  
 Geographical origin : Spain

### Physical and chemical data :

|                                 | Standards                    | Results of analysis |
|---------------------------------|------------------------------|---------------------|
| <b>Appearance</b>               | liquid                       | Conform             |
| <b>Colour</b>                   | pale yellow to yellow        | Conform             |
| <b>Odour</b>                    | characteristic, camphor-like | Conform             |
| <b>Specific gravity at 20°C</b> | 0.875 to 0.915               | 0.888               |
| <b>Refractive index at 20°C</b> | 1.450 to 1.470               | 1.459               |
| <b>Optical rotation at 20°C</b> | -10° to 0°                   | - 6.10°             |
| <b>Flash point</b>              | +70°C to +80°C               |                     |

### Table of components (1) :

| Components                           | Contents |
|--------------------------------------|----------|
| $\alpha$ -pinene + $\alpha$ -thuyene | 0.28%    |
| Camphene                             | 0.18%    |
| $\beta$ -pinene                      | 0.29%    |
| Sabinene                             | 0.09%    |
| $\beta$ -myrcene                     | 0.67%    |
| Limonene                             | 0.71%    |
| Cineole-1.8 + $\beta$ -phellandrene  | 5.75%    |
| Cis- $\beta$ -ocimene                | 1.27%    |
| $\gamma$ -terpinene                  | 0.17%    |
| Trans- $\beta$ -ocimene              | 1.59%    |
| 3-Octanone                           | 0.46%    |
| Hexyl Acetate                        | 0.24%    |
| Para-cymene                          | 0.10%    |
| Terpinolene                          | 0.18%    |
| 1-Octen-3-yl Acetate                 | 0.18%    |
| Hexyl Butyrate                       | 0.80%    |
| Camphor                              | 5.78%    |
| Linalool                             | 35.64%   |
| Linalyl Acetate                      | 31.28%   |
| Bornyl Formiate                      | 0.10%    |
| $\beta$ -caryophyllene               | 1.37%    |

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### **Table of components (2) :**

| <b>Components</b>         | <b>Contents</b> |
|---------------------------|-----------------|
| Terpinene-4-ol            | 0.74%           |
| Lavandulyl Acetate        | 1.30%           |
| E-β-farnesene             | 1.08%           |
| Lavandulol                | 0.38%           |
| α-terpineol               | 1.03%           |
| Borneol                   | 1.67%           |
| Germacrene D              | 0.28%           |
| Neryl Acetate             | 0.45%           |
| α-farnesene + Carvone     | 0.04%           |
| Lavandulyl Methylbutyrate | 0.22%           |
| Geranyl Acetate           | 0.54%           |
| δ-cadinene                | 0.04%           |
| γ-cadinene                | 0.14%           |
| Nerol                     | 0.20%           |
| Geraniol                  | 0.32%           |
| τ-cadinol                 | 0.07%           |
| α-bisabolol               | 0.43%           |
| <b>TOTAL</b>              | <b>95.63%</b>   |