

## CERTIFICATE OF ANALYSIS

Organic Essential Oil of Roman Chamomile from Hungary  
100% pure and natural

Botanical name : *Anthemis nobilis L. (syn: Chamaemelum nobile)*  
 Commercial name : Organic Roman Chamomile  
 Batch number : **1801346**  
 Geographical origin : Hungary  
 Production date : January 2019

### Physical and chemical data :

|                                 | Standards                        | Results of analysis |
|---------------------------------|----------------------------------|---------------------|
| <b>Appearance</b>               | Clear liquid                     | Conform             |
| <b>Colour</b>                   | Very pale yellow to yellow green | Conform             |
| <b>Odour</b>                    | Characteristic, sweet, fruity    | Conform             |
| <b>Specific gravity at 20°C</b> | 0.890 to 0.915                   | 0.8920              |
| <b>Refractive index at 20°C</b> | 1.430 to 1.460                   | 1.4390              |
| <b>Flash point</b>              | +50°C to +59°C                   |                     |

### Table of components :

| Components                               | Contents      |
|--|---------------|
| α-pinene                                 | 10.35%        |
| Isobutyl Isobutyrate                     | 0.62%         |
| Isobutyl Methacrylate                    | 8.59%         |
| Isoamyl Isobutyrate                      | 8.34%         |
| 2-Methylbutyl Methacrylate               | 1.28%         |
| Isobutyl Angelate + Isoamyl Methacrylate | 3.64%         |
| Hexyl Isobutyrate                        | 6.93%         |
| Methyllyl Angelate                       | 12.81%        |
| 2-Methylbutyl Angelate                   | 6.13%         |
| Isoamyl Angelate                         | 5.45%         |
| Methylamyl Angelate                      | 12.78%        |
| Pinocarvone                              | 2.71%         |
| Trans-pinocarveol                        | 5.43%         |
| <b>TOTAL</b>                             | <b>85.06%</b> |