

Certificate of Analysis

Product: Chamomile German Blue Oil (Egypt)

Botanical Name: *Matricaria chamomile*

Origin: Egypt

Plant part used: Flowering tops

Extraction method: Steam distilled

| Physical data | <u>Specification</u>² | <u>Result</u> |
|---------------------------|---|----------------------|
| Appearance: | Opaque mobile liquid | Complies |
| Colour: | Deep blue | Complies |
| Odour: | Characteristic | Complies |
| Specific Gravity at 20°C: | 0.9100 to 0.9850 | 0.9601 |

| Sample | Component | Specification² Peak Area¹ (%) | Result Peak Area¹ (%) |
|-----------------------------|----------------------|--|---|
| <i>Matricaria chamomila</i> | Cis-b-Farnesene | 8 to 35 | 18.18 |
| | a-Farnesene | Trace to 5 | 0.76 |
| | Bisabolol oxide B | 2 to 10 | 7.96 |
| | Levomenol | 1 to 10 | 8.14 |
| | Chamazulene | 2 to 5 | 2.57 |
| | a- Bisabolol oxide A | 35 to 60 | 44.09 |