



## Certificate of Analysis

|                |                               |
|----------------|-------------------------------|
| Product        | Rose Geranium Premium Oil     |
| Botanical Name | <i>Pelargonium graveolens</i> |
| Batch          | 19426                         |
| Origin         | France                        |
| Plant Part     | Aerial parts                  |
| Extraction     | Steam Distilled               |

| Physical Data           | Specification               | Result   |
|-------------------------|-----------------------------|----------|
| Appearance              | Transparent Liquid          | Complies |
| Colour                  | Colourless                  | Complies |
| Odour                   | Fresh spicy green rose-like | Complies |
| Optical Rotation        | -10.0° to 0.0°              | -1.70°   |
| Specific Gravity @ 20°C | 0.882 – 0.892               | 0.884    |
| Refractive Index @ 20°C | 1.4600 – 1.4720             | 1.4685   |

### Chromatographic Data

| Constituent | Result % | Specification |
|-------------|----------|---------------|
| Linalool    | 8.60     | 6.50 to 12.0  |
| Citronellol | 36.70    | 32.0 to 42.0  |
| Geraniol    | 22.70    | 15.0 to 25.0  |

Retest Date February 2022