

CERTIFICATE OF ANALYSIS

Product : Geranium Organic Essential Oil

Lot No : 1000000862

Manufacturing Date : November, 2023

Best Before : May, 2026

| <u>Properties</u> | | <u>Specifications</u> | <u>Results</u> |
|-------------------|---|---|----------------|
| Appearance | : | Pale yellow to greenish yellow liquid. | Complies |
| Odor | : | Characteristic minty, rosy-like odor. | Complies |
| Solubility | : | Soluble in alcohol and oils. Insoluble in water. | Complies |
| Specific Gravity | : | 0.860 to 0.905@ 20°C | 0.895 |
| Optical Rotation | : | -18.0° to -7.0° @ 20°C | -12.5 |
| Refractive Index | : | 1.455 to 1.475 @ 20°C | 1.468 |
| Citronellol | : | 25 to 37 % | 33.5 |
| Linalool | : | 3.8 to 8.50 % | 4.0 |
| Geraniol | : | 10 to 18 % | 12.0 |

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Storage: Store in air tight containers; in a cool dry area; away from direct sunlight.

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