

## **CERTIFICATE OF ANALYSIS**

| Product            | : | Rosemary Organic Essential Oil - ct Cineole (Morocco) |                |
|--------------------|---|---|----------------|
| Lot No             | : | 1000000779  |                |
| Manufacturing Date | : | October, 2023   |                |
| Best Before        | : | September, 2026                                       |                |
| <b>Properties</b>  |   | <b>Specifications</b>                                 | <b>Results</b> |
| Appearance         | : | Colorless to pale yellow liquid                       | Complies       |
| Odor               | : | Fresh, strong, woody and herbal scent                 | Complies       |
| Solubility         | : | Soluble in alcohol and oils.<br>Insoluble in water.   | Complies       |
| Specific Gravity   | : | 0.907 to 0.920 @ 20°C                                 | 0.9119         |
| Optical Rotation   | : | -2.0° to +5.0° @ 20°C                                 | +0.56°         |
| Refractive Index   | : | 1.464 to 1.472 @ 20°C                                 | 1.4674         |
| 1,8-cineole        | : | 38 - 55%  | 42.4           |
| Limonene           | : | 1.5-4%  | 2.6            |
| Camphor            | : |   | 14.3           |
| α-Pinene           | : | 9-14%   | complies       |

This is an electronically generated document and does not require a signature.

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

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