## CERTIFICATE OF ANALYSIS

| Product | Cardamom Essential Oil |  |
| :---: | :---: | :---: |
| Lot No | : 10312301 |  |
| Best Before | January, 2025 |  |
| Properties | Specifications | Results |
| Appearance | Colorless to very pale yellow clear liquid. | Complies |
| Odor | Characteristic sweet somewhat spicy odor. | Complies |
| Solubility | Soluble in alcohol and oils. Insoluble in water. | Complies |
| Specific Gravity | : 0.909 to 0.956 @ $20^{\circ} \mathrm{C}$ | 0.924 |
| Optical Rotation | $:+20.0^{\circ}$ to $+41.0^{\circ} @ 20^{\circ} \mathrm{C}$ | 25.1 |
| Refractive Index | : 1.454 to $1.472 @ 20^{\circ} \mathrm{C}$ | 1.463 |
| Terpinyl Acetate | : 32-44\% | 43.56 \% |
| 1,8-cineole | : 25-37\% | 32.90 \% |

[^0]
## Disclaimer \& Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Soap \& More provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary orotherwise use(s) of this product is outside the control of Soap \& More, no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Soap \& More is limited to the value of the goods and does not include any consequential loss. Soap \& More shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Soap \& More shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Alberta, Canada.


[^0]:    Storage: Store in air tight containers; in a cool dry area; away from direct sunlight

