

CERTIFICATE OF ANALYSIS

Product : Cinnamon Bark Essential Oil (Madagascar)
 Lot No : 10000001800
 Manufacturing Date : September, 2023
 Best Before : September, 2027

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance	: Clear pale yellow to orange liquid.	Complies
Odor	: Characteristic sweet cinnamon odor.	Complies
Solubility	: 1:2 - 1:3 in 70% ethanol. Insoluble in water.	Complies
Specific Gravity	: 0.9800 to 1.0300 @ 20°C	1.01269
Refractive Index	: 1.5500 to 1.6000 @ 20°C	1.58012
Optical Rotation	: -4.0° to +4.0° @ 20°C	+2.84°
Cinnamaldehyde	: 40 - 72 %	64.19 %
Cinnamyl Acetate	: 1-8 %	5.22 %
Eugenol	: 2-12 %	4.55 %

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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