

CERTIFICATE OF ANALYSIS

Product : **Pepper Black Organic Essential Oil**

Lot No : 10000000343

Manufacturing Date : October, 2023

Best Before : October, 2028

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance	: Colorless to very pale bluish green liquid.	Complies
Odor	: Characteristic black pepper odor.	Complies
Solubility	: Insoluble in water.	Complies
Specific Gravity	: 0.8600 to 0.9100 @ 20°C	0.8663
Optical Rotation	: -20° to +4°	-14.872°
Refractive Index	: 1.4700 to 1.4900 @ 20°C	1.4785
α-Pinene	: 8 - 20%	17.60
β-Pinene	: 10 - 15%	11.43
Sabinene	: 10 - 20 %	15.69
Limonene	: 10 - 20 %	14.85

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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