NEW DIRECTIONS AROMATICS

NATURAL INGREDIENTS ETHICALLY SOURCED

CERTIFICATE OF ANALYSIS

Product : **Pepper Black Organic Essential Oil**

Manufacturing Date : October, 2023

Properties		Specifications	Results
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.

Disclaimer & Caution

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