

Certificate of Analysis		
Product Name:	Black Pepper Organic Essential Oil	
Latin Binomial/INCI:	Piper nigrum	
Cultivation:	100% Organic	
Product Code/Lot Number:	4571-IZEB	
Material:	Pod	
Country of Origin:	SRI LANKA	
Date of Production:	September, 2025	
Retest Date:	September, 2028	
Ingredient Deck: 100% Organic Black Pepper Essential Oil		
Specification	Expected	Result
Color:	Colorless to pale yellow	PASSED
Odor:	Sharp, Spicy, peppery aroma	PASSED
Appearance:	Mobile Liquid	PASSED
Specific Gravity at 20°C	0.860 – 0.907	0.891
Refractive Index at 20°C	1.474 – 1.490	1.482
TEST		
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	D-Limonene	13.73%
	Beta Pinene	9.40%
	Alpha Pinene	10.42%
	Beta Caryophyllene	17.40%
	Sabinene	12.28%
GRAS	LISTED	PASSED
No GMO Materials Used:	NONE	PASSED
No Sewage Sludge:	NONE	PASSED
No Ionizing Radiation:	NONE	PASSED
STORE IN TIGHT CONTAINERS IN A COOL PLACE (60 TO 78°F), PROTECTED FROM LIGHT.		
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