

Certificate of Analysis		
Product Name:	Organic Black Pepper Essential Oil	
Latin Binomial/INCI:	<i>Piper Nigrum</i>	
Cultivation:	100% Organic	
Product Code/Lot Number:	EO4571-JBDA	
Material:	Fruit	
Country of Origin:	SRI LANKA	
Date of Production:	October, 2024	
Retest Date:	October, 2027	
Ingredient Deck: 100% Organic Black Pepper Essential Oil		
Specification	Expected	Result
Color:	Clear, Colorless	PASSED
Odor:	Sharp, Peppery	PASSED
Appearance:	Mobile Liquid	PASSED
Specific Gravity at 20°C	0.8600 – 0.9070	0.8969
Refractive Index at 20°C	1.4740-1.4900	1.4766
TEST		
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Beta Caryophyllene	18.42%
	D-Limonene	16.28%
	Beta Pinene	14.04%
	Alpha Pinene	13.08%
	Sabinene	12.26%
GRAS	LISTED	PASSED
No GMO Materials Used:	NONE	PASSED
No Sewage Sludge:	NONE	PASSED
No Ionizing Radiation:	NONE	PASSED
<p style="text-align: center;">STORE IN TIGHT CONTAINERS IN A COOL PLACE (60 TO 78°F), PROTECTED FROM LIGHT.</p> <p style="text-align: center;">Disclaimer: This information relates only to the specific materials mentioned and may not be valid in combination with other materials or processes. To the best of our knowledge this information is complete, accurate and reliable. However, no warranty or guarantee is implied. We assume no responsibility for any loss, damage or expense arising out of use. It is the user's responsibility to decide suitability for use.</p>		