

Certificate of Analysis		
Product Name:	Organic Black Spruce Essential Oil	
Latin Binomial/INCI:	<i>Picea Mariana</i>	
Cultivation:	100% Organic	
Product Code/Lot Number:	EO5211-HBIA	
Material:	Needle	
Country of Origin:	CANADA	
Date of Production:	August 29, 2024	
Retest Date:	August 29, 2027	
Ingredient Deck:		
Specification	Expected	Result
Color:	Clear	PASSED
Odor:	Sweet, Clear, Fir Needle	PASSED
Appearance:	Mobile Liquid	PASSED
Specific Gravity at 20°C	0.880 – 0.920	0.8976
Refractive Index at 20°C	1.469 – 1.480	1.472
TEST		
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Bornyl Acetate	26.85%
	Camphene	20.15%
	Alpha Pinene	14.86%
	Delta-3-Carene	5.32%
	d-Limonene	4.31%
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>		