

Certificate of Analysis		
Product Name:	Organic Black Spruce Essential Oil	
Latin Binomial/INCI:	Picea Mariana	
Cultivation:	100% Organic	
Product Code/Lot Number:	EO5211-EBBB	
Material:	Needle	
Country of Origin:	CANADA	
Date of Production:	May, 2025	
Retest Date:	May, 2028	
Ingredient Deck: 100% Organic Black Spruce Essential Oil		
Specification	Expected	Result
Color:	Clear	PASSED
Odor:	Sweet, Fresh	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	26.98%
	Camphene	21.31%
	Alpha Pinene	15.66%
	Delta-3-Carene	5.77%
	d-Limonene	4.59%
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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