

Certificate of Analysis		
Product Name:	Spruce, Black Organic	
Latin Binomial/INCI:	Picea mariana	
Cultivation:	100% Organic	
Product Code/Lot Number:	5211-JBEK	
Material:	Needles	
Country of Origin:	Canada	
Date of Production:	October 25, 2021	
Expiration Date:	October 25, 2024	
Ingredient Deck: 100% Black Spruce Essential Oil		
Specification	Expected	Result
Color:	Colorless to pale yellow	PASSED
Odor:	Fresh, penetrating, woody, pine aroma	PASSED
Appearance:	Transparent liquid	PASSED
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Alpha Pinene	20.89%
	Bornyl Acetate	18.41%
	Delta-3-Carene	13.06%
	Camphene	12.97%
	Beta Pinene	10.54%
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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