



## CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Black Spruce	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Picea mariana	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):		TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Picea mariana leaf oil		
CAS TSCA:	8008-80-8	HS CODE:	3301.29
CAS EINECS:	91722-19-9	EINECS:	
FEMA:	3034	COE:	N/A
COUNTRY OF ORIGIN:	Canada	FDA CODE:	N/A
PRODUCTION TYPE:	Certified Organic	Certified organic by Ecocert Canada  	
PRODUCTION METHOD:	Steam distilled		
PART DISTILLED:	Needles & Twigs		
LOT NUMBER:	EAB742627CA63725A		
PRODUCTION DATE:	05/2025		
EXPIRATION DATE:	05/2030		

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Colorless to pale yellow liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic fresh sweet woody odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.850 – 0.915 @ 20°C</i>	<i>0.880</i>
OPTICAL ROTATION:	<i>-40.0 – -20.0 @ 20°C</i>	<i>Ok</i>
REFRACTIVE INDEX:	<i>1.467 – 1.472 @ 20°C</i>	<i>Ok</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>Complies</i>

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