



CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Hemlock Spruce	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Tsuga canadensis	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:	Tsuga canadensis leaf oil		
CAS TSCA:	8008-10-4	HS CODE:	3301.29
CAS EINECS:	289-926-6	EINECS:	
FEMA:	N/A	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:	EAB878226CA93224A		
PRODUCTION DATE:	01/2024		
EXPIRATION DATE:	01/2029		

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Colorless to pale yellow liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic fresh balsamic sweet fruity odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.890 - 0.926 @ 20°C</i>	<i>0.919</i>
OPTICAL ROTATION:	<i>-25.0 - -15.0 @ 20°C</i>	<i>Complies</i>
REFRACTIVE INDEX:	<i>1.466 - 1.472 @ 20°C</i>	<i>Complies</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

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