



CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

PRODUCT NAME: Hemlock Spruce - ESSENTIAL OIL
BOTANICAL NAME: Tsuga canadensis
SYNONYM(S): N/A

INCI NAME: Tsuga canadensis leaf oil
CAS TSCA: 8008-10-4
CAS EINECS: 8008-80-8
FEMA: N/A
COUNTRY OF ORIGIN: Canada
PRODUCTION TYPE: Organic
PRODUCTION METHOD: Steam distilled
PART DISTILLED: Needles & Twigs
LOT NUMBER: EAB878226CA92217G
PRODUCTION DATE: May 2017
EXPIRATION DATE: May 2021

COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.
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CANADA
TELEPHONE: 1.855.534.1671
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HS CODE: 3301.29
EINECS: N/A
COE: N/A
FDA CODE: N/A

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>0.870 – 0.920 @ 20°C</i>	<i>0.910</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>

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