



## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

PRODUCT NAME: Black Spruce  
BOTANICAL NAME: Picea mariana  
SYNONYM(S):

INCI NAME: Picea mariana leaf oil  
CAS TSCA: 8008-80-8  
CAS EINECS: 91722-19-9  
FEMA: N/A  
COUNTRY OF ORIGIN: Canada  
PRODUCTION TYPE: Organic  
PRODUCTION METHOD: Steam distilled  
PART DISTILLED: Needles & Twigs  
LOT NUMBER: EAB742627CA27019E  
PRODUCTION DATE: 06/2019  
EXPIRATION DATE: 06/2024

### COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.  
ADDRESS: 1339 SHEFFORD, BROMONT (QC) J2L 1C9,  
CANADA  
TELEPHONE: 1.855.534.1671  
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WEB: WWW.ZAYATAROMA.COM  
E-MAIL: INFO@ZAYATAROMA.COM

HS CODE: 3301.29  
EINECS:  
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 sweet woody odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.900 – 0.915 @ 20°C</i>	<i>0.880</i>
OPTICAL ROTATION:	<i>-40.0 – -20.0 @ 20°C</i>	<i>-28.0</i>
REFRACTIVE INDEX:	<i>1.467 – 1.472 @ 20°C</i>	<i>1.469</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>N/A</i>

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