



## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

PRODUCT NAME: Balsam Fir  
BOTANICAL NAME: Abies balsamea  
SYNONYM(S):

INCI NAME: Abies balsamea (balsam Canada) needle oil  
CAS TSCA: 8021-28-1  
CAS EINECS: 8024-15-5  
FEMA: 2114  
COUNTRY OF ORIGIN: Canada  
PRODUCTION TYPE: Organic  
PRODUCTION METHOD: Steam distilled  
PART DISTILLED: Needles & Twigs  
LOT NUMBER: EAB224225CA93219D  
PRODUCTION DATE: 03/2019  
EXPIRATION DATE: 03/2024

### COMPANY IDENTIFICATION

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

HS CODE: 3301.29  
EINECS:  
COE: N/A  
FDA CODE: N/A

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Very pale yellow to yellow liquid</i>	<i>Complies</i>
ODOR	<i>Camphoraceous, woody, pleasant sweet pine 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>0.900</i>
OPTICAL ROTATION:	<i>-19.0 - -24.0 @ 20°C</i>	<i>Complies</i>
REFRACTIVE INDEX:	<i>1.470 - 1.478 @ 20°C</i>	<i>Complies</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>Complies</i>

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