

## CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Scots Pine	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Pinus sylvestris	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:	Pinus sylvestris leaf oil		
CAS TSCA:	8023-99-2	HS CODE:	3301.29
CAS EINECS:	84012-35-1	EINECS:	
FEMA:	2906	COE:	541n
COUNTRY OF ORIGIN:	Slovenia	FDA CODE:	172.51
PRODUCTION TYPE:	Certified Organic		Certified organic by Ecocert Canada
PRODUCTION METHOD:	Steam distilled		
PART DISTILLED:	Needles & Twigs		
LOT NUMBER:	EAB746798SL27921A		
PRODUCTION DATE:	11/2019		
EXPIRATION DATE:	11/2024		



PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Colorless to pale yellow liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic pine odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.855 - 0.875 @ 20°C</i>	<i>0.872</i>
OPTICAL ROTATION:	<i>-30.0- -9.0 @ 20°C</i>	<i>-21.0</i>
REFRACTIVE INDEX:	<i>1.465 - 1.479 @ 20°C</i>	<i>1.473</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>Complies</i>

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Scots Pine  
Pinus sylvestris

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% TOTAL: 92.3	COMPONENTS
35.4	<i>Alpha-pinene</i>
1.9	<i>Camphene</i>
20.3	<i>Beta-pinene</i>
15.4	<i>Car-3-ene</i>
1.8	<i>Beta-myrcene</i>
11.4	<i>Limonene</i>
0.4	<i>Beta-phellandrene</i>
1.8	<i>P-cymene</i>
0.3	<i>Terpinolene</i>
1.5	<i>Bornyl acetate</i>
2.1	<i>Beta-caryophyllene</i>

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