

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION	COMPANY IDENTIFICATION
PRODUCT NAME : Star Anise Organic - ESSENTIAL OIL BOTANICAL NAME : Illicium verum SYNONYM(S) :	COMPANY : ZAYAT AROMA INC. ADDRESS : 1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA TELEPHONE : 1.855.534.1671 FAX : 1.855.318.6124 WEB : WWW.ZAYATAROMA.COM E-MAIL : INFO@ZAYATAROMA.COM
INCI NAME : Illicium verum (anise) oil CAS TSCA : 8007-70-3 CAS EINECS : 283-518-1 FEMA : 2094 COUNTRY OF ORIGIN : India PRODUCTION TYPE : Organic PRODUCTION METHOD : Steam distilled PART DISTILLED : Fruits LOT NUMBER : EAB455836IN86716A PRODUCTION DATE : July, 2015 EXPIRATION DATE : July, 2017	HS CODE : 3301.29 EINECS : 84775-42-8 COE : 336n FDA CODE : N/A

Certified organic by Ecocert Canada



PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Colorless to pale yellow clear liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic, sweet odour, reminiscent of anethole</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY	<i>0.963 – 0.991 @ 20°C</i>	<i>0.971</i>
OPTICAL ROTATION	<i>-2.00 – +2.00 @ 20°C</i>	<i>-0.52°</i>
REFRACTIVE INDEX	<i>1.548 – 1.564 @ 20°C</i>	<i>1.5497</i>
COMPOSITION	<i>trans-Anethole 86-96%, Limonene 0.2-6%, alpha-Pinene 0.1-1.5%, Methyl chavicol 0-1.6%</i>	

DISCLAIMER

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Illicium verum

LOT : EAB455836IN86716A

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COMPONENTS	% TOTAL : 100
<i>pinene <a-></i>	0,85
<i>myrcene</i>	0,15
<i>phellandrene <a-></i>	0,39
<i>carene <D-3-></i>	0,54
<i>terpinene <a-></i>	0,14
<i>limonene</i>	4,26
<i>phellandrene <b-></i>	0,35
<i>cineole 1,8</i>	0,39
<i>terpinene <g-></i>	0,12
<i>terpinolene</i>	0,15
<i>linalool</i>	0,38
<i>terpinen-4-ol</i>	0,27
<i>terpineol <a-></i>	0,35
<i>methyl chavicol (=estragole)</i>	0,41
<i>anethole <Z-> (-Anethole <cis->)</i>	0,17
<i>anisaldehyde <p-></i>	0,26
<i>anethole <E-> (= Anethole <trans->)</i>	90,42
<i>bergamotene <a-trans-></i>	0,17
<i>foeniculin</i>	0,23

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