

## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

**PRODUCT NAME:** Star Anise  
**BOTANICAL NAME:** Illicium verum  
**SYNONYM(S):**  
  
**INCI NAME:** Illicium verum (anise) oil  
**CAS TSCA:** 8007-70-3      **HS CODE:** 3301.29  
**CAS EINECS:** 84775-42-8      **EINECS:**  
**FEMA:** 2094      **COE:** 336n  
**COUNTRY OF ORIGIN:** India      **FDA CODE:** 182.2  
**PRODUCTION TYPE:** Certified Organic  
**PRODUCTION METHOD:** Steam distilled  
**PART DISTILLED:** Fruits  
**LOT NUMBER:** EAB455836IN32521A  
**PRODUCTION DATE:** 12/2020  
**EXPIRATION DATE:** 12/2022

### COMPANY IDENTIFICATION

**COMPANY:** ZAYAT AROMA INC.  
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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>0.986</i>
OPTICAL ROTATION:	<i>-2.00 - +2.00 @ 20°C</i>	<i>-2.0</i>
REFRACTIVE INDEX:	<i>1.548 - 1.564 @ 20°C</i>	<i>1.548</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>N/A</i>

### DISCLAIMER

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Star Anise  
Illicium verum

LOT: IN32521A

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% TOTAL: 100	COMPONENTS
0.36	<i>Alpha-pinene</i>
0.31	<i>Alpha-phellandrene</i>
0.22	<i>Delta 3-carene</i>
0.44	<i>L-limonene</i>
0.34	<i>1-8 cineole</i>
0.11	<i>Gamma terpinene</i>
0.82	<i>Linalool</i>
0.32	<i>a-trans-bergamotene</i>
0.36	<i>b-caryophyllene</i>
1.09	<i>Estragole</i>
0.24	<i>Anisaldehyde</i>
94.89	<i>Trans-anethole</i>
0.18	<i>Trans-caryophyllene</i>
0.10	<i>Alpha farnesene</i>
0.22	<i>Benzofuran</i>

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