



## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

PRODUCT NAME: Nutmeg  
BOTANICAL NAME: Myristica fragrans  
SYNONYM(S):  
  
INCI NAME: Myristica fragrans (nutmeg) kernel oil  
CAS TSCA: 8008-45-5  
CAS EINECS: 84082-68-8  
FEMA: 2793  
COUNTRY OF ORIGIN: India  
PRODUCTION TYPE: Organic  
PRODUCTION METHOD: Steam distilled  
PART DISTILLED: Fruits  
LOT NUMBER: EAB697374IN32521A  
PRODUCTION DATE: 11/2020  
EXPIRATION DATE: 11/2023

### COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.  
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PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Colorless to pale yellow liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic nutmeg odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.860 to 0.890 @ 20°C</i>	<i>0.885</i>
OPTICAL ROTATION:	<i>+24.0 – +45.0 @ 20°C</i>	<i>+24.0</i>
REFRACTIVE INDEX:	<i>1.470 – 1.477 @ 20°C</i>	<i>1.470</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>Complies</i>

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## CERTIFICATE OF ANALYSIS