

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-01 17:47:32  
Date of Next Testing: 2026-11-30 17:47:32  
Product Name:  **$\alpha$ -Terpinene**  
CAS Number: 99-86-5  
Specifications & Purity: >90.0%(GC)  
Lot #: K2229866  
SKU #: **A151162**  
Version: **0**  
Analysis #: **053046**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Density (20°C)	0.835-0.845	0.84
Purity(GC)	90-100 (%)	97.25 %
Refractive index n <sub>20</sub> /D	1.475-1.479	1.48
Appearance (A151162)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager