

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-23 19:08:32  
Date of Next Testing: 2029-09-22 19:08:32  
Product Name: **cis-9-Hexadecenoic Acid**  
CAS Number: 373-49-9  
Specifications & Purity: Moligand™, ≥98%  
Lot #: I2512080  
SKU #: **P111106**  
Version: **0**  
Analysis #: **322330**  
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.32 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.69 %
Refractive index n <sub>20</sub> /D	1.457-1.459	1.46
Density (20°C)	0.893-0.897	0.90
Appearance (P111106)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager