

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-27 09:19:49  
Date of Next Testing: 2026-02-26 09:19:49  
Product Name: **Butyl 10-undecenoate**  
CAS Number: 109-42-2  
Specifications & Purity: 98%  
Lot #: B2321513  
SKU #: **B165890**  
**Analysis:** **166028**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.49%
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager