

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-14 15:21:57  
Date of Next Testing: 2028-07-13 15:21:57  
Product Name: **N-decanoyl-L-Homoserine lactone**  
CAS Number: 177315-87-6  
Specifications & Purity:  $\geq 96\%$   
Lot #: G2502406  
SKU #: **N347574**  
Version: **1**  
Analysis #: **530688**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	97.51700 %
Appearance (N347574)	White to Off White Powder to Crystals	White to off white powder to crystals or Plasters
Mass spectrum	Conforms to standard	Conforms to standard
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager