

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 17:42:14
 Date of Next Testing: 2029-03-19 17:42:14
 Product Name: **N-decanoyl-L-Homoserine lactone**
 CAS Number: 177315-87-6
 Specifications & Purity: Moligand™, ≥96%
 Lot #: C2612733
 SKU #: **N347574**
 Version: **2**
 Analysis #: **660212**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	99.58100 %
Specific Rotation [α] ₂₀ /D(c=0.2 in MeOH)	-27 ~ -21 (°)	-21.59900 °
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