

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-20 09:47:28  
Date of Next Testing: 2029-03-19 09:47:28  
Product Name: **L-Norleucine**  
CAS Number: 327-57-1  
Specifications & Purity: for amino acid analysis, BioReagent  
Lot #: F2306064  
SKU #: **L485252**  
Version: **1**  
Analysis #: **672261**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(NT)	99-102.5 (%)	99.21800 %
Specific Rotation [a] <sub>20</sub> /D(c=5 in 5 M HCl)	22-24 (°)	22.03800 °
Water by Karl Fischer	0-1 (%)	0.54800 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(L485252)	White Powder or Crystals or Flakes	White Powder or Crystals or Flakes



John Su  
QA & QC Manager