

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-25 10:57:59  
Date of Next Testing: 2028-01-24 10:57:59  
Product Name: **Z-Lys(Boc)-OH**  
CAS Number: 2389-60-8  
Specifications & Purity: 98%  
Lot #: A2416478  
SKU #: **L115969**  
**Analysis:** **299040**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=1 in MeOH)	-7--4 (°)	-6.53°
Melting point	60-64 (°C)	62.54000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	100.68 %
Purity(HPLC)	98-100 (%)	98.94900 %
Appearance (L115969)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager