

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-21 19:13:34  
Date of Next Testing: 2026-03-20 19:13:34  
Product Name: **Z-D-Ala-OH**  
CAS Number: 26607-51-2  
Specifications & Purity: 96%  
Lot #: C2219219  
SKU #: **A113952**  
**Analysis:** **068878**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=2 in AcOH)	10-20 (°)	15.22°
Purity(HPLC)	96-100 (%)	96.01000 %
Melting point	83-86 (°C)	83.01000 °C
Appearance (A113952Color)	White to almost white	White to almost white
Appearance (A113952Form)	Powder to crystal	Powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager