

## Certificate of Analysis

Date of Testing: 2023-06-06 16:42:19  
Date of Next Testing: 2027-06-05 16:42:19  
Product Name: **D-Ala-D-Ala**  
CAS Number: 923-16-0  
Specifications & Purity: 99%  
Lot #: J1510087  
SKU #: **A101620**  
**Analysis:** **235978**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.27830 %
Appearance (A101620)	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
Solubility in H <sub>2</sub> O , Colorless,Clear to Very Slightly Hazy,50 mg/ml	pass	Pass



John Su  
QA & QC Manager