

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-04 15:29:24  
Date of Next Testing: 2028-07-03 15:29:24  
Product Name: **Boc-D-Pro-OH**  
CAS Number: 37784-17-1  
Specifications & Purity: 98%  
Lot #: F2428163  
SKU #: **B110967**  
Version: **0**  
Analysis #: **352838**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-102 (%)	98.50 %
Purity(HPLC)	98-100 (%)	98.90100 %
Melting point	132-137 (°C)	134.42000 °C
Specific Rotation [α] <sub>20</sub> /D(c=2 in AcOH)	58-62 (°)	60.89°
Appearance (B110967)	White Powder or Granular Powder and/or Chunks	White Powder or Granular Powder and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless Clear,50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager