

Certificate of Analysis

Date of Testing: 2024-07-04 15:23:58

Date of Next Testing: 2028-07-03 15:23:58

Product Name: **Boc-D-Pro-OH**

CAS Number: 37784-17-1

Specifications & Purity: 98%

Lot #: F2428162

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] ₂₀ /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