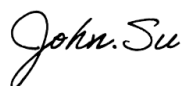


Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-09-21 14:21:12
Date of Next Testing: 2027-09-20 14:21:12
Product Name: **Boc-Pro-OH**
CAS Number: 15761-39-4
Specifications & Purity: 99%
Lot #: I2319086
SKU #: **B105465**
Analysis: **166321**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in AcOH)	-62--58 (°)	-58.49200 °
Melting point	132-136 (°C)	135.98000 °C
Purity(HPLC)	99-100 (%)	99.53200 %
Water by Karl Fischer	0-0.5 (%)	0.26000 %
Appearance (B105465)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager