

## Certificate of Analysis

Date of Testing: 2023-05-17 10:42:12  
Date of Next Testing: 2027-05-16 10:42:12  
Product Name: **Boc-Pro-OH**  
CAS Number: 15761-39-4  
Specifications & Purity: 99%  
Lot #: E2310238  
SKU #: **B105465**  
**Analysis:** **166321**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in AcOH)	-62--58 (°)	-58.49°
Melting point	132-136 (°C)	135.98000 °C
Purity(HPLC)	99-100 (%)	99.53200 %
Water by Karl Fischer	0-0.5 (%)	0.26 %
Appearance (B105465)	White Powder or Crystals	White Powder or Crystals



John Su  
QA & QC Manager