

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-11 17:12:46  
Date of Next Testing: 2025-04-06 17:12:46  
Product Name: **Boc-D-Ser-OH**  
CAS Number: 6368-20-3  
Specifications & Purity: 98%  
Lot #: G2311650  
SKU #: **B105769**  
**Analysis:** **344445**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)	7-10 (°)	7.66°
Purity(HPLC)	98-100 (%)	99.65000 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.82 %
Appearance (B105769)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency



John Su  
QA & QC Manager