

Certificate of Analysis

Date of Testing: 2024-04-15 14:29:42
Date of Next Testing: 2025-04-10 14:29:42
Product Name: **Boc-D-Ser-OH**
CAS Number: 6368-20-3
Specifications & Purity: 98%
Lot #: G2311648
SKU #: **B105769**
Analysis: **341908**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O) | 7-10 (°) | 7.66° |
| Purity(HPLC) | 98-100 (%) | 99.65000 % |
| Purity(Neutralization titration) | 97.5-102.5 (%) | 100.83 % |
| 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 ₂ O | Almost transparency | almost transparency |



John Su
QA & QC Manager