

## Certificate of Analysis

Date of Testing: 2023-03-13 12:01:22

Date of Next Testing: 2027-03-12 12:01:22

Product Name: **Boc-L-Asp(OBzl)-OH**

CAS Number: 7536-58-5

Specifications & Purity: 98%

Lot #: C2304305

SKU #: **B109107**

**Analysis: 181139**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.85 %
Purity(HPLC)	98-100 (%)	99.84600 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in DMF)	-21--19 (°)	-20.98 °
Melting point	102-104 (°C)	103.85000 °C
Appearance (B109107)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , almost transparency pass		Pass



John Su  
QA & QC Manager