

Certificate of Analysis

Date of Testing: 2023-03-13 12:55:46
Date of Next Testing: 2027-03-12 12:55:46
Product Name: **Boc-L-Asp(OBzl)-OH**
CAS Number: 7536-58-5
Specifications & Purity: 98%
Lot #: C2304432
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] ₂₀ /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 |



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