

## Certificate of Analysis

Date of Testing: 2022-11-28 14:50:06  
Date of Next Testing: 2026-11-27 14:50:06  
Product Name: **Boc-His-OH**  
CAS Number: 17791-52-5  
Specifications & Purity: 98%  
Lot #: K2222441  
SKU #: **B105763**  
**Analysis: 130807**  
Storage Temperature: Store at 2-8°C

| Parameter   | Limit Values                         | Result                               |
|---|--------------------------------------|--------------------------------------|
| Purity(HPLC)  | 98-100 (%)                           | 98.78000 %                           |
| Purity (Titration by NaOH)                          | 97.5-102.5 (%)                       | 99.50 %                              |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH) | 24-27 (°)                            | 26.85 °                              |
| Appearance (B105763)                                | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Infrared spectrum                                   | Conforms to Structure                | Conforms to Structure                |
| Solubility in MeOH                                  | almost transparency                  | almost transparency                  |
| Proton NMR spectrum                                 | Conforms to Structure                | Conforms to Structure                |



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QA & QC Manager