

## Certificate of Analysis

Date of Testing: 2023-07-13 15:28:03

Date of Next Testing: 2027-07-12 15:28:03

Product Name: **N $\alpha$ -Cbz-L-histidine**

CAS Number: 14997-58-1

Specifications & Purity: 99%

Lot #: G2307221

SKU #: **Z116877**

**Analysis: 235393**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> <sup>20</sup> (c=6 in 6mol/L HCl)	-26--21 (°)	-24.72 °
Purity(HPLC)	99-100 (%)	99.78800 %
Appearance (Z116877)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager