# **Certificate of Analysis**

## N-Boc-cis-4-hydroxy-L-proline

 Cat. No.:
 HY-W002886

 CAS No.:
 87691-27-8

 Batch No.:
 110318

Chemical Name: 1,2-Pyrrolidinedicarboxylic acid, 4-hydroxy-, 1-(1,1-dimethylethyl) ester, (2S,4S)-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{17}NO_5$  Molecular Weight: 231.25

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

#### **Chemical Structure:**

### **ANALYTICAL DATA**

Appearance: Yellow to brown (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Enantiomeric Excess: 100%

Purity (NMR): ≥98.0%

Water(KF): 0.63%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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