## **Certificate of Analysis**

## 3-Azido-D-alanine (hydrochloride)

**Cat. No.:** HY-151642A **Batch No.:** 251392

Chemical Name: (R)-2-Amino-3-azidopropanoic acid hydrochloride

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_3H_7CIN_4O_2$ Molecular Weight: 166.57

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

 ${}^{-}N \stackrel{\circ}{\underset{\stackrel{\longrightarrow}{\sim}}{\sim}} N \stackrel{\circ}{\underset{\stackrel{\longrightarrow}{\sim}}{\sim}} OH$ 

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

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

Purity (HPLC): 98.79%

**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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