## **Certificate of Analysis**

## **β-Chloro-D-alanine hydrochloride**

Cat. No.: HY-W015457
CAS No.: 51887-88-8
Batch No.: 283931

Chemical Name: D-Alanine, 3-chloro-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_3H_7Cl_2NO_2$ Molecular Weight: 160.00

Storage: -20°C, sealed storage, away from moisture

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

**Chemical Structure:** 

 $CI \xrightarrow{\underline{I}} OH$   $NH_2$ 

**HCI** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

MS: Consistent with structure

Purity (NMR): ≥97.0%

**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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA