## **Certificate of Analysis**

## D-Alanine ethyl ester hydrochloride

Cat. No.: HY-W017350
CAS No.: 6331-09-5
Batch No.: 133444

Chemical Name: D-Alanine, ethyl ester, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

O NH<sub>2</sub>

**HCI** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

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

Purity (NMR): ≥98.0%

**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.

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