## **Certificate of Analysis**

## D-Lysine (monohydrochloride)

Cat. No.: HY-Y1804
CAS No.: 7274-88-6
Batch No.: 84909

**Chemical Name:** D-Lysine, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_6H_{15}CIN_2O_2$  Molecular Weight: 182.65

**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:** 

$$H_2N$$
 $H-CI$ 
 $NH_2$ 
 $OH$ 
 $OH$ 

## **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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