Certificate of Analysis

DL-Lysine

Cat. No.: HY-B2236 CAS No.: 70-54-2 Batch No.: 84006 **Chemical Name:** Lysine

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_{14}N_2O_2$ 146.19 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

$$H_2N$$
 OH NH_2

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: 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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