## **Certificate of Analysis**

## N-Acetyl-L-histidine (monohydrate)

Cat. No.: HY-W014180 CAS No.: 39145-52-3 Batch No.: 133728

**Chemical Name:** L-Histidine, N-acetyl-, hydrate (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{13}N_3O_4$ Molecular Weight: 215.21

Storage: Powder -20°C 3 years

2 years

In solvent -80°C 6 months

> -20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.84%

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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