## **Certificate of Analysis**

## L-Carnosine

Cat. No.: HY-W013494
CAS No.: 305-84-0
Batch No.: 91429

**Chemical Name:** L-Histidine, β-alanyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{14}N_4O_3$ Molecular Weight: 226.23

Storage: Sealed storage, away from moisture and light

Powder -80°C 2 years

-20°C 1 years

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.94%

**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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