## **Certificate of Analysis**

## **DL-3-Phenylalanine**

Cat. No.: HY-B1732 CAS No.: 150-30-1 Batch No.: 121234

**Chemical Name:** Phenylalanine

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{11}NO_2$ 165.19 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years  $4^{\circ}C$

In solvent -80°C 6 months

1 month -20°C

**Chemical Structure:** 

$$\bigcap_{\mathsf{NH}_2}^{\mathsf{O}}\mathsf{OH}$$

## ANALYTICAL DATA

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

Purity (HPLC): 99.97% Water(KF): 0.07% Residue on Ignition: 0.09%

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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