## **Certificate of Analysis**

## L-Pyroglutamic acid

 Cat. No.:
 HY-76082

 CAS No.:
 98-79-3

 Batch No.:
 275335

Chemical Name: L-Proline,5-oxo-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_7NO_3$  Molecular Weight: 129.11

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to light yellow (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.61%

**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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