## **Certificate of Analysis**

## SF2312

Cat. No.: HY-117778 CAS No.: 107729-45-3 Batch No.: 383235

**Chemical Name:** Phosphonic acid, P-(1,5-dihydroxy-2-oxo-3-pyrrolidinyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>8</sub>NO<sub>6</sub>P Molecular Weight: 197.08

Storage: Pure form -20°C 3 years

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

In solvent -80°C 6 months

1 month -20°C

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: Light yellow to yellow (Oil) <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (NMR): ≥95.0%

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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