

## **Certificate of Analysis**

## 3-Aminopropylphosphonic acid

Cat. No.: HY-W105694
CAS No.: 13138-33-5
Batch No.: 308748

Chemical Name: Phosphonic acid, P-(3-aminopropyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_3H_{10}NO_3P$  Molecular Weight: 139.09

Storage: 4°C, protect from light

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

$$H_2N$$
 $P$ 
OH

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

Purity (NMR): ≥98.0%

**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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