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**Certificate of Analysis**

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Product Name: PAOPA  
Cat. No.: GC12800  
Batch No.: 1  
Chemical Name: (S,Z)-N-((R)-1-(2-hydroxy-2-iminoethyl)-2-oxopyrrolidin-3-yl)pyrrolidine-2-carbimidic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 114200-31-6  
Molecular Formula:  $C_{11}H_{18}N_4O_3$   
Molecular Weight: 254.29  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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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