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## Certificate of Analysis

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Product Name: Z-Phe-Arg-4MβNA . HCl  
Cat. No.: GA23893  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 100900-17-2  
Molecular Formula:  $C_{34}H_{38}N_6O_5 \cdot HCl$   
Molecular Weight: 647.17  
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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