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## Certificate of Analysis

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Product Name: Cyclo(-D-Tyr-Arg-Gly-Asp-Cys(carboxymethyl)-OH) sulfoxide  
Cat. No.: GA21318  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 143120-27-8  
Molecular Formula:  $C_{26}H_{36}N_8O_{11}S$   
Molecular Weight: 668.69  
Storage: Store at  $-20^{\circ}C$   
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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