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**Certificate of Analysis**

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Product Name: Humanin  
Cat. No.: GC18324  
Batch No.: 1  
Chemical Name: L-methionyl-L-alanyl-L-prolyl-L-arginylglycyl-L-phenylalanyl-L-seryl-L-cysteinyl-L-leucyl-L-leucyl-L-leucyl-L-leucyl-L-threonyl-L-seryl-L- $\alpha$ -glutamyl-L-isoleucyl-L- $\alpha$ -aspartyl-L-leucyl-L-prolyl-L-valyl-L-lysyl-L-arginyl-L-arginyl-L-alanine

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 330936-69-1  
Molecular Formula:  $C_{119}H_{204}N_{34}O_{32}S_2$   
Molecular Weight: 2687.2  
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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