

## Certificate of Analysis

**Product Name:** Exendin-4  
**Cat. No.:** HY-13443  
**CAS No.:** 141758-74-9  
**Batch No.:** 21056  
**Chemical Name:** L-Serinamide,  
L-histidylglycyl-L-a-glutamylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L-a-aspartyl-L-leucyl  
-L-seryl-L-lysyl-L-glutamyl-L-methionyl-L-a-glutamyl-L-a-glutamyl-L-a-glutamyl-L-alanyl-L-valyl-L  
-arginyl-L-leucyl-L-phenylalanyl-L-isoleucyl-L-a-glutamyl-L-tryptophyl-L-leucyl-L-lysyl-L-asparaginy  
glycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-prolyl-L-prolyl

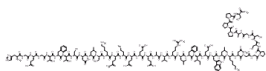
### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C184H282N50O60S

**Molecular Weight:** 4186.57

<b>Storage:</b>	Powder	-80°C	2 years
		-20°C	1 year
	In solvent	-80°C	6 months
		-20°C	1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)

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

**HPLC:** Consistent with structure

**Purity (HPLC):** 98.96%

**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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