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**Certificate of Analysis**

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Product Name: des-Gln14-Ghrelin (rat)  
Cat. No.: GC15177  
Batch No.: 1  
Chemical Name: (4S,5Z,7S,8Z,10S,11Z,13S,14Z,16S,17Z,19S,20Z,22S,23Z,25S,26Z,28S)-25-((1H-imidazol-5-yl)methyl)-4-((Z)-(((S,Z)-1-(((S,Z)-6-amino-1-(((S)-6-amino-1-((S)-2-((S)-2-((1Z,3S,4Z,6S,7Z,9S,10Z,12S)-6-(4-aminobutyl)-12-((S)-2-((Z)-(((S)-1-carboxy-4-guanidinobutyl)

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 293735-04-3  
Molecular Formula:  $C_{142}H_{237}N_{43}O_{40}$   
Molecular Weight: 3186.67  
Storage: Desiccate 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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