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**Certificate of Analysis**

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Product Name: Neuropeptide SF (mouse, rat)  
Cat. No.: GC13864  
Batch No.: 1  
Chemical Name: (S,Z)-2-((Z)-(((S)-1-((S)-2-((Z)-((S)-2-((Z)-((S)-2-((Z)-((S)-2-amino-1,3-dihydroxypropylidene)amino)-1-hydroxy-4-methylpentylidene)amino)-1-hydroxypropylidene)amino)propanoyl)pyrrolidin-2-yl)(hydroxy)methylene)amino)-N'1-((S,Z)-5-guanidino-1-hydroxy-1-((

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 230960-31-3  
Molecular Formula: C<sub>40</sub>H<sub>65</sub>N<sub>13</sub>O<sub>10</sub>  
Molecular Weight: 888.03  
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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