

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Retatrutide
<b>Sequence</b>	Tyr- $\{\text{Aib}\}$ -Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- $\{\alpha\text{-Me-Leu}\}$ -Leu-Asp-Lys- $\{\text{diacid-C20-gamma-Glu-(AEEA)-Lys}\}$ -Ala-Gln- $\{\text{Aib}\}$ -Ala-Phe-Ile-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH <sub>2</sub>
<b>Dissolution condition</b>	100%H <sub>2</sub> O
<b>Length</b>	39AA
<b>Modification</b>	sodium salt
<b>Molecular Weight (MW)</b>	4731.33
<b>Salt content type</b>	sodium salt
<b>Storage</b>	-20°C

<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	4731.60	Conforms
<b>Purity by HPLC</b>	>99%	99.115%
<b>Peptide Content</b>	N/A	N/A
<b>Moisture content</b>	N/A	N/A
<b>Acetic acid content</b>	N/A	N/A
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	500mg	50.0mg*10vials

Certified by: \_\_\_\_\_ Date 05/07/2024

Quality Assurance Department

**Note: this product is intended for research use only; not for diagnostic or human use.**