



HEALTHTIDE BIOTECH CO.,LTD.

**Certificate of Analysis**

<b>Product Name</b>	SS31	<b>CAS No.</b>	736992-21-5
<b>Molecular Formula</b>	C <sub>32</sub> H <sub>49</sub> N <sub>9</sub> O <sub>5</sub>	<b>Molecular Weight</b>	639.79
<b>Batch No.</b>	XR25121601-1	<b>Date of Mfg</b>	Dec 16, 2025
<b>Reference Standard</b>	Enterprise Standard	<b>Retest Date</b>	Dec 15, 2027
<b>Storage</b>	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>	
<b>Appearance</b>	White or almost white fluffy powder	Conform	
<b>Solubility</b>	Soluble in water	Conform	
<b>Water Content (Karl Fischer)</b>	≤ 8.0%	6.35%	
<b>Acetic Acid (By HPLC)</b>	≤ 20.0%	18.74%	
<b>Trifluoroacetic Acid</b>	≤ 0.5%	0.04%	
<b>Peptide Purity (By HPLC)</b>	≥ 98.0%	99.55%	
<b>Related Substance (By HPLC)</b>	Total Impurities(%) ≤ 2.0%	0.47%	
	Largest Single Impurity(%) ≤ 1.0%	0.34%	
<b>Bacterial Endotoxins</b>	≤ 10 EU/mg	Conform	
<b>Assay</b>	≥ 70.0%	74.13%	
<b>Conclusion</b>	This batch meets the internal standards of the enterprise and is qualified.		

**Note:** This product is for research or production use only. Not for direct human use.

**Analyst:** Yang dan

**Approved by:** Ling chen

