



# HEALTHTIDE BIOTECH CO.,LTD.

## Certificate of Analysis

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

