Certificate Of Analysis

NO:026-R81-TSX

Peptide Name	**Retatrutide**		
Molecular Formula	C221H342N46O68	**Manufacturing**	2026/09/08
Molecular Weight	4731.33	**Report Date**	2026/09/13
CAS No.	2381089-83-2	**Re-test Date**	2028/09/08
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-15℃ to-25℃
Sequence	Tyr-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-{α-Me-Leu}-Leu -Asp-Lys-{diacid-C20-gamma-Glu-(AEEA)-Lys}-Ala-Gln-{Aib}-Ala- Phe-Ile-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-P ro-Ser-NH_2		

Tests	Tests Specifications	Results
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Purity (HPLC)	≥98.0%	99.3%
Water Content (Karl Fischer)	≤8.0%	3.5%
Total Impurities (HPLC)	≤1.5%	0.7%
Largest Single Impurity (HPLC)	≤0.5%	0.2%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker :** Bowen Yang