



Certificate of Analysis

Product Name		Retatrutide	
CAS. No.	2381089-83-2	Batch No.	P20240513
Molecular Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4730.91
Mfg. Date	2024.05.13	Retest Date	2026.05.12
Sequence: H-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-Pro-Ser-NH ₂			
Items		Specification	Result
1	Appearance/Colors	White or almost white powder	White powder
2	Solubility	Soluble in water	Conforms
3	Water Content (K.F)	≤8.0%	6.0%
4	Sodium salt	≤5.0%	2.8%
5	Peptide Purity (By HPLC)	≥98.0%	99.2%
6	Related Substance (By HPLC)	Total Impurities≤2.0%	0.8%
		Largest Single Impurity≤1.0%	0.8%
7	Organic solvent residue	Acetonitrile≤0.041%	≤0.041%
		Dichlorom ethane≤0.06%	≤0.06%
		N,N-Dimethylformamide≤0.088%	≤0.088%
Storage	Preserve in an air tight container, protected from light at a temperature of -20±5°C		
Conclusion	The product tested Conform with In-house standard		
Remark	It is only supplied as chemical product		



QC: Xu Huibin

Reviewer: Xue Yumeng

Checker: Zan Yingying