



CERTIFICATE OF ANALYSIS

Product Name:	Retatrutide	Manufacture Date:	2026.03.10
CAS No.:	2381089-83-2	Retest Date:	2028.03.09
Molecular Formula:	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Report Date:	2026.03.16
Molecular Weight:	4730.91	Quantity:	4.1 KG
Batch No.:	RET-260301	Storage:	-20°C (protect from light)

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-Pro-Ser-NH₂

#	TEST ITEM	SPECIFICATION	RESULT
1	Characteristics	Appearance: White or almost white powder	White powder
2	Solubility	Freely soluble in water	Conforms
3	Peptide Content	Peptide Content ≥ 90.0%	95.6%
4	Water Content (K.F)	≤ 8.0%	1.6%
5	Peptide Purity (by HPLC)	≥ 99.0%	99.2%
6	Related Substance (by HPLC)	Total Impurity ≤ 2.0%	0.8%
		Maximum Impurity ≤ 1.0%	0.2%
7	Residual Solvent	Acetonitrile ≤ 410 ppm	Conforms
		Dichloromethane ≤ 600 ppm	Conforms
		N,N-Dimethylformamide ≤ 880 ppm	Conforms
8	Bacterial Endotoxins	< 10 EU/mg	Conforms
9	Microbial Limits	TAMC ≤ 10 ² cfu/g	Conforms
		TYMC ≤ 10 ² cfu/g	Conforms

Conclusion: The product tested conforms with in-house standard.

Remark: It is only supplied as a chemical product.

