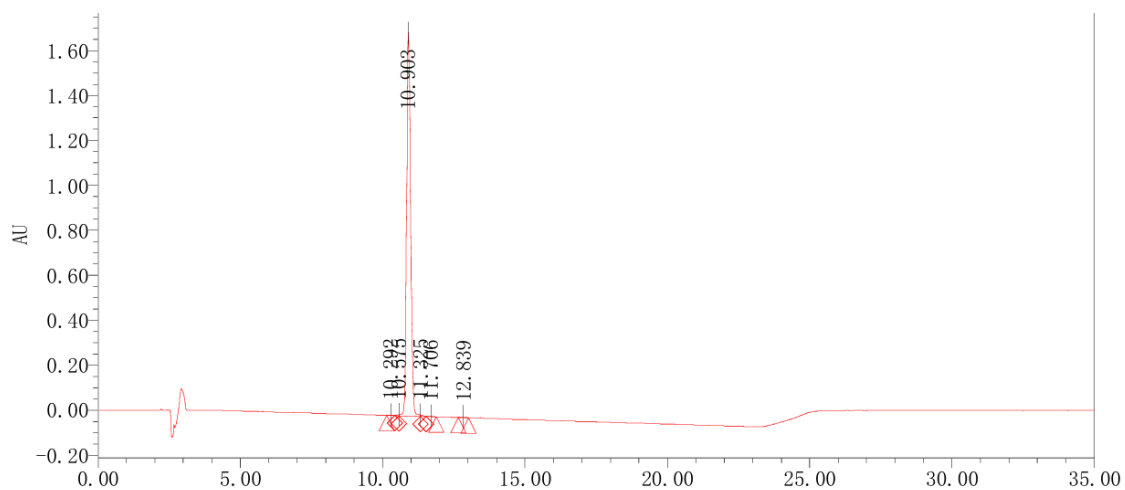


Certificate of Analysis				
Product Name		Retatrutide		
CAS. NO.		2381089-83-2	Batch No.	RET-260301
Molecular Formula		C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4730.91
Mfg.Date		2026.03.10	Retest Date	2028.03.09
Report Date		2026.03.16	Quantity	4.1KG
Sequence: Tyr-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-{ 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				
Items			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	Inspection	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
			Dichlorom ethane≤600 ppm	Conforms
			N,N-Dimethylformamide ≤880 ppm	Conforms
8		Bacterial Endotoxins	< 10 EUmg	Conforms
9		Microbial Limits	TAMC≤ 10 ² cfu/g	Conforms
	TYMC≤ 10 ² cfu/g		Conforms	
Storage	Preserve in an air tight container, protected from light at a temperature of -20°C,and shipping at a temperature of 2-8°C			
Conclusion	The product tested Conform with In-house standard			
Remark	It is only supplied as chemical product			

HPLC Chromatography



1	10.292	13942	1157	0.08
2	10.575	24983	5130	0.15
3	10.903	16663635	1709577	99.16
4	11.325	37595	5822	0.22
5	11.706	24144	1828	0.14
6	12.839	40542	4165	0.24

MASS Spectrum

Default file

RET-260301 671 (4.903) Cm (669:677)

1: TOF MS ES+
2.85e6

