Retatrutide-R26052502-Hyper

Product Name:	Retatrutide		
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		
CAS No.:	2381089-83-2	**Salt Type:**	Na+
Batch No.:	R26052502	**Analysis Date:**	2026-05-25
Formula:	C 221$H_{342}N_{46}O_{68}$	**Retest Date:**	2028-05-24

ITEM	STANDARD	RESULT
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Related Substances (HPLC)	Maximum single impurity≤ 0.5%	0.24%
	Total impurities ≤ 1.0%	0.78%
Purity	≥9 9 %	99.22%
Water Content	≤ 10%	5.4%
Acetic acid	≤ 0.5 %	N.D
Sodium ion	≤ 3%	1.3%
Trifluoroacetic acid	≤ 5000ppm	N.D
Residual solvents	Methanol: ≤300ppm	Methanol: N.D
	Isopropanol: ≤ 500ppm	Isopropanol: N.D
	Acetonitrile: ≤ 410ppm	Acetonitrile: 237ppm
	Methylene chloride: ≤ 600ppm	Methylene chloride: N.D
Assay	95.0% ～ 105.0%	99.5%
PH	6.0 ～ 9.0	7.16
Peptide Content	≥80%	92.5%
Bacterial endotoxin	≤ 5 EU/mg	Conforms
Mass Spectrum	4731.33	Conforms

Storage Condition	In the air tight container, protected from light at temperature -20 °C
Notes	Not for human use, for research purpose only.
Conclusion	This product conforms to the standard.