Retatrutide-26072303-Hyper(1)

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	**Quantity:**	1kg
Batch No.:	26072303	**Analysis Date:**	2026-07-24
Formula:	$C_{221}H_{342}N_{46}O_{68}$	**Retest Date:**	2028-07-22
Salt Type:	Na+		

ITEM	STANDARD	RESULT
Appearance	White powder or off-white powder	Conforms
Solubility	Soluble in water	Conforms
Related Substances (HPLC)	Maximum single impurity≤ 0.5%	0.24%
	Total impurities ≤ 1.0%	0.73%
Purity	≥99%	99.2%
Water Content	≤10%	6.1%
Acetic acid	≤ 0.5%	N.D
Sodium ion	≤3%	1.2%
Trifluoroacetic acid	≤5000ppm	N.D
Residual solvents	Methanol: ≤300ppm	Methanol: N.D
	Isopropanol: ≤500ppm	Isopropanol: N.D
	Acetonitrile: ≤410ppm	Acetonitrile: 92ppm
	Methylene chloride: ≤600ppm	Methylene chloride: N.D
Assay	95.0% ～ 105.0%	100.6%
PH	6.0 ～ 9.0	7.3
Peptide Content	≥80%	93.1%
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.