

CERTIFICATION OF ANALYSIS

Retatrutide	CAS: 2381089-83-2
Product No.:605464	Batch No.:23071401-03
Date of Mfg: Aug 29, 2023	Date of Exp: Aug 28, 2023
Sequence:Tyr-Aib-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- α MeLeu-Leu-Asp-Lys-Lys(PEG2- γ -Glu-Eicosanedioicacid)-Ala-Gln-Aib-Ala-Phe-Ile-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH2	

Test	Specification	Result
Appearance	White powder conforms	conforms
MS	4731.3 ± 1.0	4731.9
Solubility	Soluble in water (No less than 50mg/ml)	conforms
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	conforms
Purity	NLT 98.0%	99.3%
Related Substances	Any individual impurity ≤1.0% Total impurity ≤2.0%	0.23% 0.70%
Sodium ion	NMT 4.0%	2.1%
Water content(KF)	NMT8.0%	5.6%
Trifluoroacetate	<0.5%	0.05%
Acetic acid	<0.5%	N.D
Endotoxins	Less than 10IU/m	<7IU/m
pH	6.0~9.0(50mg/ml)	7.4
Peptide content(N%)	NLT 85%	91.2%

Storage: In an air tight container, protected from light

Temperature :Short Term:2-8℃ ; Long Term:below-10℃

Conclusion: the product complies with specification.

It is only supplied as chemical product.