

CERTIFICATION OF ANALYSIS

Sermorelin Powder (Synthetic)	CAS: 86168-78-7
Product No.:800039	Batch No.: 23060026
Date of Mfg: Sep 05, 2023	Date of Exp: Sep 04, 2025
Sequence: Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH ₂	

Test	Specification	Result
Appearance	White or off-white powder	White powder
MS	3357.9±1.0	3358.2
Related Substances	Unspecified impurity for each impurity: NMT1.0%	0.54%(single largest impurity)
Purity(HPLC)	NLT 98%	98.8%
Acetic acid	NMT 10.0%	7.1%
Water Content(Karl Fischer)	NMT 7.0%	4.0%
Peptide Content(N%)	NLT80%	87.3%
Assay	95~105% (anhydrous and acetic acid free substance)	98.2%

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.

Analysis :Janie.zhang
Date :2023.09.07

Approved by : Christ.zheng
Date :2023.09.07