LIBERTY PEPTIDES

CERTIFICATE OF ANALYSIS

Product Name	Sermorelin
CAS NO.	86168-78-7
Sequence	H-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-NH2
Dissolution condition	20%ACN+80%H2O
Modification	N/A
Molecular Weight (MW)	3357.88±1.0
Storage	-20℃

Test Items	**Specifications**	**Results**
Purity by HPLC	≥99.0%	99.41%
Endotoxin	＜50EU/mg	Conforms
Moisture content	<8.0%	5.2%
Acetic acid content	< 15.0%	4.7%
Appearance	White to off-white lyophilized powder	Conforms
Quantity	104.0g	104.0g
Certified by: QA	Date	05/08/2025

Note: this product is intended for research use only; not for diagnostic or human use.