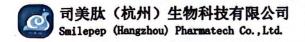


## **Certificate of Analysis**

第1页/共2页

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Product Name		Sermorelin	Catalog No.	SMP0182	
Batch No.		P21122006	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			
Manufacturing Date		Mar,20,2024	Received Date	Mar,20,2024	
Report Date		Apr,13,2024	Retest Date	Mar,19,2025	
Test Refer	ence	In-house specification/Pr	rotocol specification	on	
Test Items		Standard Specification		Test Results	
Appearance		White to off white powder or loose lump		Conforms	
Solubility		Soulble in water, dissolve in dilute solution of acetic acid and ethanol (96%)		Conforms	
Identification	HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time and size to the principal peak in the chromatogram obtained with reference solution		The principal peak in the chromatogram obtained with the test solution is similar in retention time and size to the principal peak in the chromatogram obtained with reference solution	
	MS	3357.9+1.0		3357.2	
Clarity and color of solution		Clear and colorless		Conforms	
Water		≤8.0%		2.9%	
Acetic acid		≤15.0%		6.9%	
Trifluoacetateion		≤0.1%		N.D	
Related Substances (HPLC)		Any individual impurity:≤1.0% Total impurity:≤2.0%		0.42% 0.76%	
Purity		≥98%		99.24%	
		<10EU/mg			



## **Certificate of Analysis**

第 2页/共 2页

Product Name	Sermorelin	Catalog No.	SMP0182	
Batch No.	P21122006	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			
Manufacturing Date	Mar,20,2024	Received Date	Mar,20,2024	
Report Date	Apr,13,2024	Retest Date	Mar,19,2025	
Test Reference	In-house specification/P	rotocol specification	on	
Test Items	Standard Specification		Test Results	
Residual solvents	Methanol: ≤0.3% Isopropanol: ≤0.5% Acetonitrile: ≤0.041% Methylene chloride: ≤0.0,N-Dimethylformamid Triethylamine: ≤0.032% Tert-butyl methyl ether:	le:≤0.088% 6	Methanol:0.005% Isopropanol:0.043% Acetonitrile: 0.033% Methylene chloride: N.D N,N-Dimethylformamide: N.D Triethylamine: 0.002% Tert-butyl methyl ether:N.D	
Peptide Assay	≥80.0%		89.43%	
Packaging and storage	Store at a temperature of	from light.		
Conclusion	This batch of product co	product complies with Enterprise Standard.		
Prepared by/Date: Yuchen Da	Reviewed I  J  Zon	by/Date: WW W. 24.13	Approved to the same of the sa	