

Certificate of Analysis

Product Name	Sermorelin	Batch No.	2025090201-1
Date of Producing	2025/09/18	Date of Survey	2025/09/23
Retest Date	2027/09/17	Specification	10mg

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conform
Solubility	Soluble in water	Conform
Assay	95%-105%	100.02%
Water Content (Karl Fischer)	$\leq 8.0\%$	4.3%
Acetic Acid (By HPLC)	$\leq 15.0\%$	7.3%
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.3%
Related Substance (By HPLC)	Total Impurities($\%$) $\leq 2.0\%$	0.7%
	Largest Single Impurity($\%$) $\leq 1.0\%$	0.3%
Organic Solvent Residue	Acetonitrile $\leq 0.041\%$	$<0.041\%$
	Dichloromethane $\leq 0.060\%$	$<0.060\%$
	N,N-Dimethylformamide $\leq 0.088\%$	$<0.088\%$
Bacterial endotoxin	only. $<10\text{EU/mg}$	$<10\text{EU/mg}$

The product is for compliant use only.