

Certificate of Analysis

PRODUCT NAME: Sermorelin

Product Type: Growth hormone secretagogue (GHRH analog)

Molecular Formula: $C_{149}H_{246}N_{44}O_{42}S$

Molecular weight (g/mol): 3357.93

Cas Number: 86168-78-7

Batch No: 20251015-A012

Manufacture Date: 15/10/2025

Expiry Date: 14/10/2027

COMPOSITION SUMMARY

Active Ingredient:

Sermorelin acetate (GHRH 1-29)
A 29-amino acid peptide fragment

Excipient Classes:

Standard peptide-compatible
isotonic excipients

PRODUCT DESCRIPTION

Sermorelin is a synthetic peptide that mimics the natural hypothalamic hormone GHRH, designed to stimulate the pituitary gland to release endogenous growth hormone. Unlike direct GH administration, Sermorelin works by activating the body's own physiological GH production pathways, leading to a more regulated and pulsatile release.

TEST SAMPLE PHOTO



ANALYTICAL SPECIFICATIONS

Items	Standards	Results
Appearance	White to off white Powder	<input checked="" type="checkbox"/> Pass
Identity by ESI-MS >	Theoretical MW: 3357.93	<input checked="" type="checkbox"/> Pass
Purity (HPLC)	>_98.0%	99.22%
Water (KF)	<_7.0%	0.41%
Conclusion	Conforms to standards	<input checked="" type="checkbox"/> Pass

CERTIFICATION

Quality Assurance Officer:

Signature: 

Date: 26/03/2026



SAFETY & REGULATORY NOTES

Research Use Only: Peptides are supplied strictly for laboratory research and are not approved for human or veterinary administration.

STORAGE & HANDLING

Store at 2-25°C, away from direct sunlight.

Do not freeze.

Use immediately after opening.

Keep in original packaging until use.