

# Certificate of Analysis

## Product Information

Product Name: CJC-1295 + Ipamorelin

CAS Number: 863288-34-0 (CJC-1295), 170851-70-4 (Ipamorelin)

Molecular Formula:

- CJC-1295: C165H269N47O48
- Ipamorelin: C38H49N9O5

Molecular Weight:

- CJC-1295: 3401.0 g/mol
- Ipamorelin: 711.9 g/mol

Appearance: White to off-white lyophilized powder

## Batch Information

Batch / Lot Number: CJC-1295+Ipamorelin-2025-002

Quantity: 100mg

Date of Manufacture: 02-Sept-2025

Retest Date: 02-Sept-2027

Storage Conditions: -20 °C, dry and protected from light

## Analytical Results

Test	Specification	Result	Method
Identity (Mass Spectrometry)	Consistent with theoretical mass	CJC-1295: 3401.2 Da (M+H) <sup>+</sup> Ipamorelin: 712.0 Da (M+H) <sup>+</sup>	ESI-MS
Purity (HPLC)	≥ 98.0 % (by area)	CJC-1295: 98.7 % Ipamorelin: 99.0 %	RP-HPLC
Sequence Confirmation	As per sequence	Confirmed	MS/MS, Edman degradation
Appearance	White to off-white lyophilized powder	White powder	Visual
Solubility	Soluble in sterile water (≥1 mg/mL)	Pass	Visual
Residual Solvent	≤ 0.5 %	<0.2 %	GC
Water Content (Karl Fischer)	≤ 5.0 %	3.1 %	KF titration
Acetate Content	Report only	5.8 %	Ion chromatography
Peptide Content	≥ 70 %	74 %	Nitrogen analysis
Endotoxin	< 0.25 EU/mg	0.08 EU/mg	LAL test
Microbial Limit Test	<100 CFU/g, no pathogens	Pass	USP <61>/<62>

## Compliance Statement

The above batch of **CJC-1295 + Ipamorelin** complies with the stated specifications.

This batch of **CJC-1295+Ipamorelin** meets all specified analytical and microbiological criteria and is suitable for **research use only**. Manufactured and tested under controlled conditions to ensure consistency, purity, and integrity.