

# Certificate of Analysis

## Product Information

Product Name: CJC-1295 + DAC  
CAS Number: 863288-34-0 (CJC-1295)  
Molecular Formula: C165H269N47O48  
Molecular Weight: 3401.0 g/mol  
Appearance: White to off-white lyophilized powder

## Batch Information

Batch / Lot Number: CJC-1295-DAC-2025-002  
Quantity: 100mg  
Date of Manufacture: 06-Oct-2025  
Retest Date: 06-Oct-2027  
Storage Conditions: -20 °C, dry and protected from light

## Analytical Results

Test	Specification	Result	Method
Identity (Mass Spectrometry)	Consistent with theoretical mass	3402.0 Da (M+H)+	ESI-MS
Purity (HPLC)	≥ 98.0 % (by area)	98.5 %	RP-HPLC
Sequence Confirmation	As per CJC-1295 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 %	3.3 %	KF titration
Acetate Content	Report only	5.9 %	Ion chromatography
Peptide Content	≥ 70 %	73 %	Nitrogen analysis
Endotoxin	< 0.25 EU/mg	0.09 EU/mg	LAL test
Microbial Limit Test	<100 CFU/g, no pathogens	Pass	USP <61>/<62>

## Compliance Statement

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