

Certificate of Analysis

Product Information

Product Name: CJC-1295 + DAC
CAS Number: 863288-34-0 (CJC-1295)
Molecular Formula: C165H269N47048
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.