



CERTIFICATE NO.  
**PL-26-00023**

VERIFICATION KEY  
**QUYDCUD3**

Scan or enter both at  
prymalab.net/testing/verify

CERTIFICATE OF ANALYSIS · LOT RELEASE · ISSUED FOR VIRSTELLIS

## CJC-1295 (no DAC) 10 mg

TESTED IN-HOUSE BY PRYMALAB

Lot PL-2609-023 · Lyophilized powder · Label claim 10 mg/vial · Distributed as CJC-1295

In-house analytical result,  
not an independent third-party test

LOT / BATCH NUMBER  
**PL-2609-023**

DATE MADE  
**2026-09-17**

DATE OF ANALYSIS  
**2026-09-18**

DATE ISSUED  
**2026-10-03**

RETEST / EXPIRY  
**2028-09-17**

UNITS IN LOT / SAMPLED  
**250 / 2**

STORAGE  
-20 °C, desiccated, dark

CERTIFICATE TYPE  
Lot COA, 2 pages

COMPOUND

**CJC-1295 (no DAC)**

Modified GRF (1-29); tetrasubstituted GHRH(1-29)  
analogue (D-Ala2, Gln8, Ala15, Leu27)

CAS NUMBER

**863288-34-0**

MOLECULAR FORMULA

$C_{152}H_{252}N_{44}O_{42}$

THEORETICAL MASS (AVG.)

3367.9 Da

SEQUENCE

H-Y-[D-Ala]-DAIFTQSYRKVLAQLSARKLLQDILSR-NH<sub>2</sub> (29 residues; C-terminal amide)

PURITY · RP-HPLC, AREA %

**99.77%**

Specification 99.0% • main peak at 6.38 min

IDENTITY · OBSERVED MASS

**3368.1 Da**

Theoretical 3367.9 Da • +0.2 Da (59 ppm)

OVERALL CONCLUSION

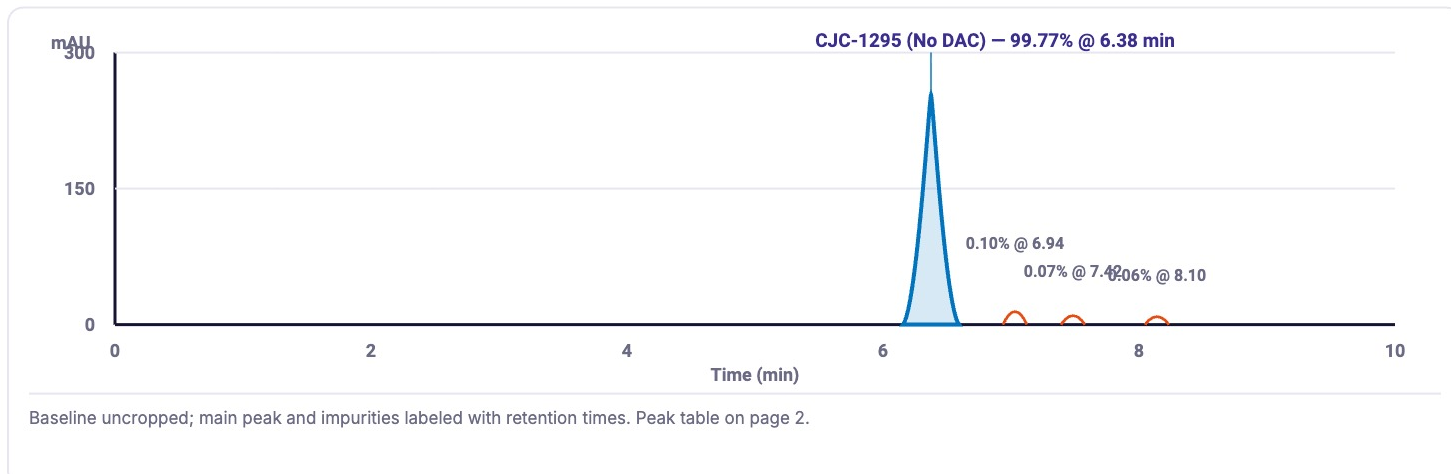
**PASS**

Meets every specification for the tests performed

| TEST                  | METHOD                        | SPECIFICATION                         | RESULT                   | CONCLUSION |
|-----------------------|-------------------------------|---------------------------------------|--------------------------|------------|
| Appearance            | Visual inspection             | White to off-white lyophilized powder | White lyophilized powder | PASS       |
| Identity (mass)       | LC-MS, ESI positive           | Theoretical ± 1.0 Da                  | 3368.1 Da                | PASS       |
| Purity                | RP-HPLC, UV 214 nm, area%     | 99.0%                                 | 99.77%                   | PASS       |
| Largest impurity      | RP-HPLC, area%                | 1.0%                                  | 0.10 % at 6.94 min       | PASS       |
| Water content         | Karl Fischer                  | 5.0 %                                 | 1.7 %                    | PASS       |
| Bacterial endotoxin   | LAL, kinetic                  | ≤ 5.0 EU/mg                           | 0.05 EU/mg               | PASS       |
| Sterility / bioburden | USP <71>, membrane filtration | No growth after 14 days               | No growth; conforms      | PASS       |

### 1 HPLC CHROMATOGRAM

Data file: CJC\_PL-2609-023\_20260918\_01 · Column C18, 150 × 4.6 mm · UV 214 nm



**2 HPLC METHOD · CJC\_PL-2609-023\_20260918\_01**

## INSTRUMENT

Waters Alliance e2695, SN E2695B742

## DETECTION WAVELENGTH

214 nm

## MOBILE PHASE A

0.1% TFA in water

## COLUMN TEMPERATURE

30 °C

## SAMPLE DILUENT

Water, 0.1% TFA

## REFERENCE STANDARD

In-house CJC-1295 (No DAC) reference, lot PL-RS-CJC-01, RT 6.36 min

## DATA SYSTEM

Empower 3, Build 3471

## COLUMN

C18, 150 × 4.6 mm, 3.5 µm

## MOBILE PHASE B

0.1% TFA in MeCN

## INJECTION VOLUME

20 µL

## SAMPLE CONCENTRATION

0.5 mg/mL

## DETECTOR

Waters 2998 PDA

## COLUMN PART / SERIAL

186003326 / USHX18211

## FLOW RATE

1.0 mL/min

## RUN TIME

10 min

## BLANK INJECTED

Yes

**3 GRADIENT PROGRAM**

| TIME (MIN) | % A | % B |
|------------|-----|-----|
| 0.0        | 95  | 5   |
| 3.0        | 95  | 5   |
| 7.0        | 55  | 45  |
| 8.0        | 20  | 80  |
| 9.0        | 20  | 80  |
| 10.0       | 95  | 5   |

**4 PEAK TABLE**

| PEAK  | RT (MIN) | AREA      | AREA % |
|-------|----------|-----------|--------|
| 1     | 6.38     | 4,290,110 | 99.77  |
| 2     | 6.94     | 4,300     | 0.10   |
| 3     | 7.42     | 3,010     | 0.07   |
| 4     | 8.10     | 2,580     | 0.06   |
| Total |          | 4,300,000 | 100.00 |

Threshold 0.05% area · Blank subtracted: Y · Purity = main peak area ÷ total integrated area × 100, to two decimals; main peak shaded.

**5 IDENTITY BY MASS SPECTROMETRY**

## INSTRUMENT

Waters Acquity SQD

## DECONVOLUTED MASS

3368.1 Da

## DATA FILE

CJC\_PL-2609-023\_MS\_20260918\_01

## IONIZATION / MODE

ESI, positive

## THEORETICAL MASS

3367.9 Da

## ACCEPTANCE

Within ± 1.0 Da

## OBSERVED M/Z (CHARGE)

1123.7 (3+ [M+3H]) · 843.0 (4+ [M+4H])

## DIFFERENCE

+0.2 Da (59 ppm)

**6 ADDITIONAL TESTS**

| TEST          | PERFORMED BY | DATE       | REPORT / FILE      |
|---------------|--------------|------------|--------------------|
| Water content | PrymaLab     | 2026-09-19 | RPT-KF-PL-2609-023 |
| Endotoxin     | PrymaLab     | 2026-09-20 | RPT-ET-PL-2609-023 |
| Sterility     | PrymaLab     | 2026-10-02 | RPT-ST-PL-2609-023 |

A test with no row here was not performed on this lot. Outside-laboratory reports, when used, are attached and named below.

**7 REVIEW AND APPROVAL****D. Reynolds**

Analyst · performed the testing

Date: 2026-09-18

**S. Calloway**

Reviewer · checked against raw data

Date: 2026-10-02

**M. Phelps**

Lab Director · approved for release

Date: 2026-10-03

Raw data retained at: Empower 3 (Build 3471), project PL-2609, archive PL-ARC-2026; 7 years. Outside laboratory reports attached: None

This certificate applies only to the lot named above and describes the units sampled from it; it is not a guarantee for any other lot. Results were obtained by PrymaLab LLC's own laboratory (PrymaLab Analytical) and are not an independent third-party test unless an outside report is attached. This copy is issued for Virstellis, a distributor of the lot; the brand shown does not change the laboratory, the method or the results. Reference values (CAS, formula, theoretical mass, sequence) are literature values for the named compound. Authenticity: scan the QR code or enter certificate number PL-26-00023 and key QUYDCUD3 at prymalab.net/testing/verify; any copy that does not match the record shown there is not a PrymaLab certificate. PrymaLab LLC products are supplied for laboratory research use only and not for human or veterinary use.