**PrymaLab**
PRYMALAB ANALYTICAL · IN-HOUSE LABORATORY
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CERTIFICATE NO.
**PL-26-00170**
VERIFICATION KEY
**L8S6UU5X**
Scan or enter both at prymalab.net/testing/verify

CERTIFICATE OF ANALYSIS · LOT RELEASE

# CJC-1295 noDAC+Ipamorelin 15 mg Pen

Lot PL-2610-048 · Solution · Label claim 15 mg/mL

**TESTED IN-HOUSE BY PRYMALAB**
In-house analytical result, not an independent third-party test

| LOT / BATCH NUMBER | DATE MADE | DATE OF ANALYSIS | DATE ISSUED |
|---|---|---|---|
| PL-2610-048 | 2026-10-02 | 2026-10-05 | 2026-10-19 |
| **RETEST / EXPIRY** | **UNITS IN LOT / SAMPLED** | **STORAGE** | **CERTIFICATE TYPE** |
| 2028-10-02 | 255 / 2 | — | Lot COA, 2 pages |

**COMPOUND**
**CJC-1295 (no DAC) / Ipamorelin Blend**
Modified GRF(1–29) + Ipamorelin co-lyophilized 1:1 blend

**CAS NUMBER**
863288-34-0 · 170851-70-4

**MOLECULAR FORMULA**
—

**THEORETICAL MASS (AVG.)**
3,367.90 · 711.85 Da (CJC-1295 noDAC / Ipamorelin)

**COMPOSITION AND SEQUENCES**
**CJC-1295 noDAC:** 30-aa GHRH analog · **Ipamorelin:** Aib-His-D-2Nal-D-Phe-Lys-NH2

**PURITY · RP-HPLC, AREA %**
**99.45%**
Lowest component (CJC-1295 noDAC) • specification ≥ 99.0 % for every component

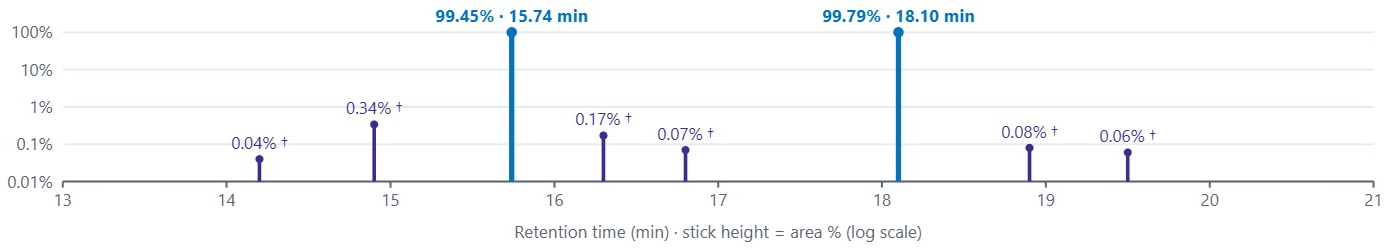
**IDENTITY · COMPONENTS CONFIRMED**
**2 / 2**
Components confirmed by LC-MS within ± 1.0 Da: 3,368.10 / 711.81 Da

**OVERALL CONCLUSION**
**PASS**
Meets every specification for the tests performed

| TEST | METHOD | SPECIFICATION | RESULT | CONCLUSION |
|---|---|---|---|---|
| **CJC-1295 noDAC: purity · largest impurity · mass** | RP-HPLC 214 nm (area %); LC-MS, ESI+ | ≥ 99.0 % · ≤ 1.0% · ± 1.0 Da | 99.45 % · 0.34 % · 3,368.10 Da | **PASS** |
| **Ipamorelin: purity · largest impurity · mass** | RP-HPLC 214 nm (area %); LC-MS, ESI+ | ≥ 99.0 % · ≤ 1.0% · ± 1.0 Da | 99.79 % · 0.08 % · 711.81 Da | **PASS** |
| **Assay (total blend)** | Assay vs label claim | 14.25–15.75 mg/mL | 15.23 mg/mL | **PASS** |
| **Bacterial endotoxin** | LAL, kinetic | ≤ 5.0 EU/mg | 0.229 EU/mg | **PASS** |
| **Sterility** | USP <71>, 14-day | No growth | No growth | **PASS** |

## 1 HPLC CHROMATOGRAM

**Data file:** PL-2610-048-HPLC.raw · Column C18, 150 × 4.6 mm · UV 214 nm




Peak plot drawn from the integrated peak table (area %, log scale); it is not the instrument trace, which is retained in PL-2610-048-HPLC.raw. † Nominal reference retention time for the assigned impurity; the main-peak RT is observed in this lot. Area % is per component (each component main peak + its impurities = 100%).


**For laboratory research use only.** Not for human or veterinary use.

## 2 HPLC METHOD · PL-2610-048-HPLC.RAW

**INSTRUMENT**
Waters Alliance e2695

**DATA SYSTEM**
Empower 3

**DETECTOR**
UV absorbance

**DETECTION WAVELENGTH**
214 nm

**COLUMN**
C18, 150 × 4.6 mm, 3.5 µm

**MOBILE PHASE A**
0.1 % TFA in water

**MOBILE PHASE B**
0.1 % TFA in MeCN

**GRADIENT**
5–95 % B over 25 min (linear)

**FLOW RATE**
1.0 mL/min

**COLUMN TEMPERATURE**
40 °C

**INJECTION VOLUME**
10 µL

## 3 GRADIENT PROGRAM

| TIME (MIN) | % A | % B |
|---|---|---|
| 0.0 | 95 | 5 |
| 25.0 | 5 | 95 |

## 4 PEAK TABLE

| PEAK | RT (MIN) | AREA | AREA % |
|---|---|---|---|
| 1 | 14.20 † | — | 0.04 |
| 2 | 14.90 † | — | 0.34 |
| **3** | **15.74** | **—** | **99.45** |
| 4 | 16.30 † | — | 0.17 |
| 5 | 16.80 † | — | 0.07 |
| 6 | 18.10 | — | 99.79 |
| 7 | 18.90 † | — | 0.08 |
| 8 | 19.50 † | — | 0.06 |
| Total | | — | 100.00 per component |

Main peaks: 3 CJC -1295 noDAC · 6 Ipamorelin; all other peaks are the assigned impurities of the neighbouring component · area % within each component (main + impurities = 100% per component) · † nominal reference RT · Purity = main peak area ÷ total integrated area × 100, to two decimals; main peak shaded.

## 5 IDENTITY BY MASS SPECTROMETRY

**INSTRUMENT**
Waters SQD

**IONIZATION / MODE**
ESI, positive

**DECONVOLUTED MASS**
3,368.10 / 711.81 Da

**THEORETICAL MASS**
3,367.90 / 711.85 Da

**ORDER**
CJC -1295 noDAC / Ipamorelin

**DIFFERENCE**
+0.20 / −0.04 Da

**DATA FILE**
PL-2610-048-MS.d

**ACCEPTANCE**
Within ± 1.0 Da (each component)

## 6 ADDITIONAL TESTS

| TEST | PERFORMED BY | DATE | REPORT / FILE |
|---|---|---|---|
| Assay vs label claim | PrymaLab Analytical | 2026-10-05 | — |
| Endotoxin (LAL, kinetic) | PrymaLab Analytical | 2026-10-05 | — |
| Sterility (USP <71>, day-14 read-out) | PrymaLab Analytical | 2026-10-19 | — |

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: 2026-10-19

**S. Calloway**
Reviewer · checked against raw data
Date: 2026-10-19

**M. Phelps**
Lab Director · approved for release
Date: 2026-10-19

Raw data retained at: Empower 3, project PL-2610, 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. Reference values (CAS, formula, theoretical mass, sequence) are literature values for the named compound. Authenticity: scan the QR code or enter certificate number PL-26-00170 and key L8S6UU5X 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.