



PrymaLab

PRYMALAB ANALYTICAL · IN-HOUSE LABORATORY

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CERTIFICATE NO.
PL-26-00024

VERIFICATION KEY
GFEZEMLN

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

CERTIFICATE OF ANALYSIS · LOT RELEASE

CJC-1295 (no DAC) / Ipamorelin Blend 10 mg

Lot PL-2609-024 · Lyophilized co-blend powder · Label claim 10 mg/vial

TESTED IN-HOUSE BY PRYMALAB

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

LOT / BATCH NUMBER PL-2609-024	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) / Ipamorelin Blend Modified GRF(1-29) + Ipamorelin co-lyophilized 1:1 blend	CAS NUMBER 863288-34-0 · 170851-70-4	MOLECULAR FORMULA $C_{152}H_{252}N_{44}O_{42} · C_{38}H_{49}N_9O_5$	THEORETICAL MASS (AVG.) 3367.9 · 711.9 Da (CJC-1295 (no DAC) / Ipamorelin)
COMPOSITION AND SEQUENCES CJC-1295 (no DAC) 5 mg: H-Y-[D-Ala]-DAIFTQSYRKVLAQLSARKLLQDILSR-NH ₂ (29 residues; C-terminal amide) · Ipamorelin 5 mg: H-Aib-H-[D-2-Nal]-[D-Phe]-K-NH ₂ (5 residues; C-terminal amide)			

PURITY · RP-HPLC, AREA %

99.69%

Specification 99.0% (blend, sum of both component peaks)

IDENTITY · OBSERVED MASS

2 / 2

Components confirmed by LC-MS within ± 1.0 Da:
3368.1 / 712.1 Da

OVERALL CONCLUSION

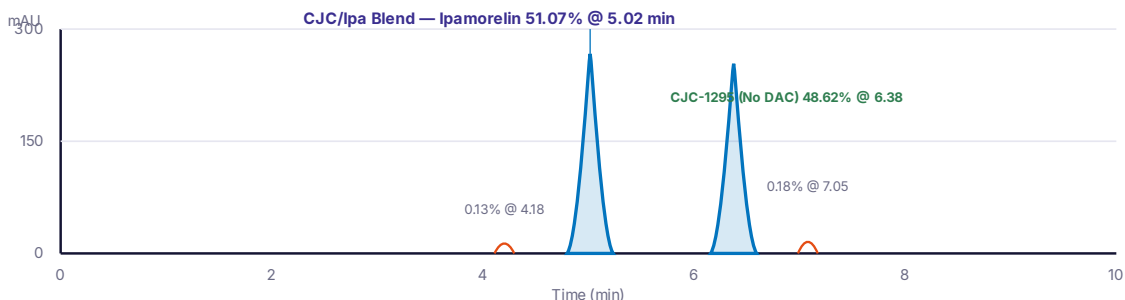
PASS

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, each component	3368.1 Da (CJC-1295 No DAC) · 712.1 Da (Ipamorelin)	PASS
Purity	RP-HPLC, UV 214 nm, area%	99.0% (blend)	99.69%	PASS
Largest impurity	RP-HPLC, area%	1.0%	0.18% at 7.05 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: CJI_PL-2609-024_20260918_01 · Column C18 150 × 4.6 mm · UV 214 nm



Baseline uncropped; both component peaks and impurities labeled with retention times. Peak table on page 2.

**2 HPLC METHOD · CJI_PL-2609-024_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/Ipamorelin blend reference, lot PL-RS-CJI-01, component RTs 5.00 / 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 (blend)

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	4.18	5,590	0.13
2	5.02	2,196,010	51.07
(Ipamorelin)			
3 (CJC-1295 No DAC)	6.38	2,090,660	48.62
4	7.05	7,740	0.18
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

IONIZATION / MODE

ESI, positive

OBSERVED M/Z (CHARGE)

712.8 · 734.8 (1+ [M+H]/[M+Na], Ipamorelin) ·
1123.7 (3+ [M+3H]) · 843.0 (4+ [M+4H], CJC-1295 No DAC)

DECONVOLUTED MASS

3368.1 / 712.1 Da (by component)

THEORETICAL MASS

3367.9 / 711.9 Da (CJC-1295 No DAC / Ipamorelin)

DIFFERENCE

≤ +0.2 Da (per component)

DATA FILE

CJI_PL-2609-024_MS_20260918_01

ACCEPTANCE

Within ± 1.0 Da (each component)

6 ADDITIONAL TESTS

TEST	PERFORMED BY	DATE	REPORT / FILE
Water content	PrymaLab	2026-09-19	RPT-KF-PL-2609-024
Endotoxin	PrymaLab	2026-09-20	RPT-ET-PL-2609-024
Sterility	PrymaLab	2026-10-02	RPT-ST-PL-2609-024

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. Reference values (CAS, formula, theoretical mass, sequence) are literature values for the named compound. Authenticity: scan the QR code or enter certificate number PL-26-00024 and key GFEZEMLN 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.