

# CERTIFICATE OF ANALYSIS

## SAMPLE SUMMARY



|                     |                                               |                      |                                                    |
|---------------------|-----------------------------------------------|----------------------|----------------------------------------------------|
| <b>Client:</b>      | Peptra Health                                 | <b>Appearance:</b>   | White lyophilized powder                           |
| <b>Product:</b>     | CJC-1295 /<br>Ipamorelin<br>10/10mg           | <b>Sample Type:</b>  | Lyophilized powder<br>(blend vial)                 |
| <b>Accession #:</b> | AMT-2026-2087                                 | <b>Manufacturer:</b> | Peptra Health<br>(client supplied)                 |
| <b>Search Code:</b> | LSJ7G9BJ2B                                    | <b>CAS No.:</b>      | 863288-34-0 (CJC-1295) / 170851-70-4 (Ipamorelin)  |
| <b>Identity:</b>    | Confirmed                                     | <b>Mol. Weight:</b>  | 3367.95 Da (CJC-1295) / 711.85 Da (Ipamorelin)     |
| <b>Purity:</b>      | CJC-1295 99.64% ·<br>Ipamorelin 99.72%        | <b>Test Type:</b>    | Multi-Compound<br>Blend Analysis<br>(HPLC / LC-MS) |
| <b>Received:</b>    | 2026-08-24                                    |                      |                                                    |
| <b>Reported:</b>    | 2026-08-27                                    |                      |                                                    |
| <b>Lot:</b>         | PH-517492                                     |                      |                                                    |
| <b>Net Content:</b> | 10.06 mg CJC-1295<br>/ 10.03 mg<br>Ipamorelin |                      |                                                    |

**Sequence:** CJC-1295 (no DAC): Tyr-D-Ala-Asp-Ala-Ile-Phe-Thr-Gln-Ser-Tyr-Arg-Lys-Val-Leu-Ala-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Leu-Ser-Arg-NH<sub>2</sub> · Ipamorelin: Aib-His-D-2-Nal-D-Phe-Lys-NH<sub>2</sub>

## ANALYTICAL RESULTS

| Test                                 | Label Claim       | Result    | Purity | Outcome     |
|--------------------------------------|-------------------|-----------|--------|-------------|
| <b>Identity — CJC-1295 (LC-MS)</b>   | CJC-1295 (no DAC) | Confirmed | —      | <b>Pass</b> |
| <b>Purity — CJC-1295 (HPLC-UV)</b>   | 10 mg             | 10.06 mg  | 99.64% | <b>Pass</b> |
| <b>Identity — Ipamorelin (LC-MS)</b> | Ipamorelin        | Confirmed | —      | <b>Pass</b> |
| <b>Purity — Ipamorelin (HPLC-UV)</b> | 10 mg             | 10.03 mg  | 99.72% | <b>Pass</b> |

## SAFETY & CONTAMINANT TESTING

Endotoxin testing performed using the *Limulus Amebocyte Lysate (LAL)* assay in accordance with USP <85> under validated laboratory conditions.

|                               |             |                                |
|-------------------------------|-------------|--------------------------------|
| <b>Endotoxin Replicate 1:</b> | <b>Pass</b> | Assay Sensitivity: ≤0.05 EU/mL |
| <b>Endotoxin Replicate 2:</b> | <b>Pass</b> | Assay Sensitivity: ≤0.05 EU/mL |

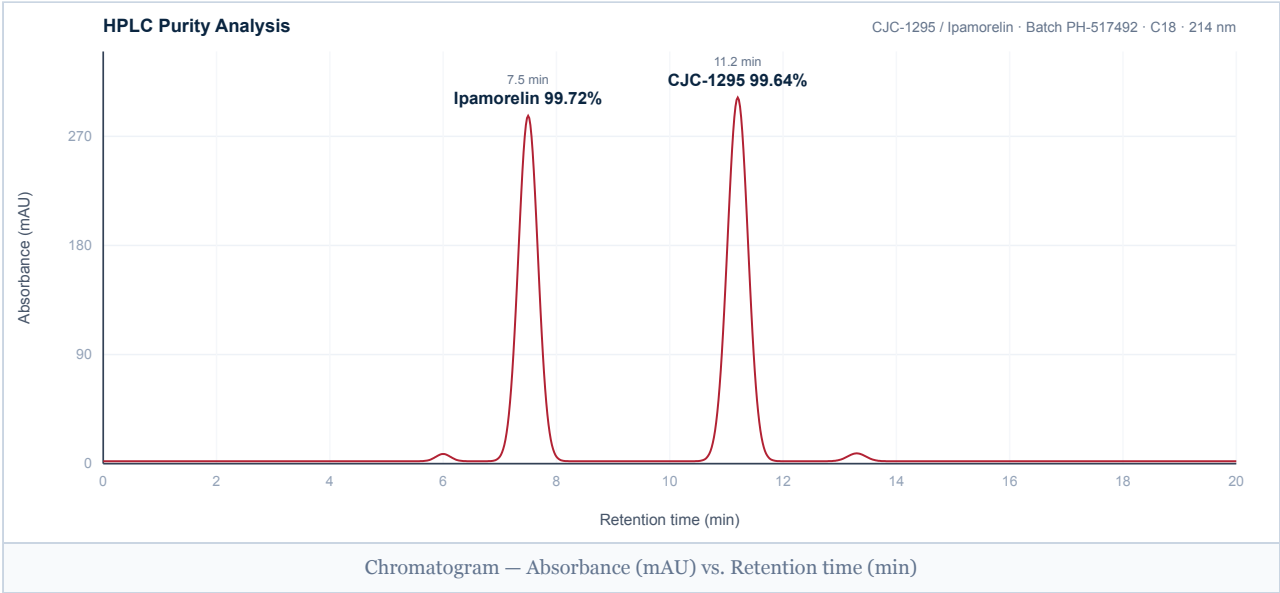
Heavy metals screening performed by ICP-MS in accordance with USP <232>/<233>.

| Element      | Result    | Limit    | Outcome |
|--------------|-----------|----------|---------|
| Lead (Pb)    | <0.05 ppm | ≤0.5 ppm | Pass    |
| Arsenic (As) | <0.10 ppm | ≤1.5 ppm | Pass    |
| Cadmium (Cd) | <0.05 ppm | ≤0.5 ppm | Pass    |
| Mercury (Hg) | <0.02 ppm | ≤0.3 ppm | Pass    |

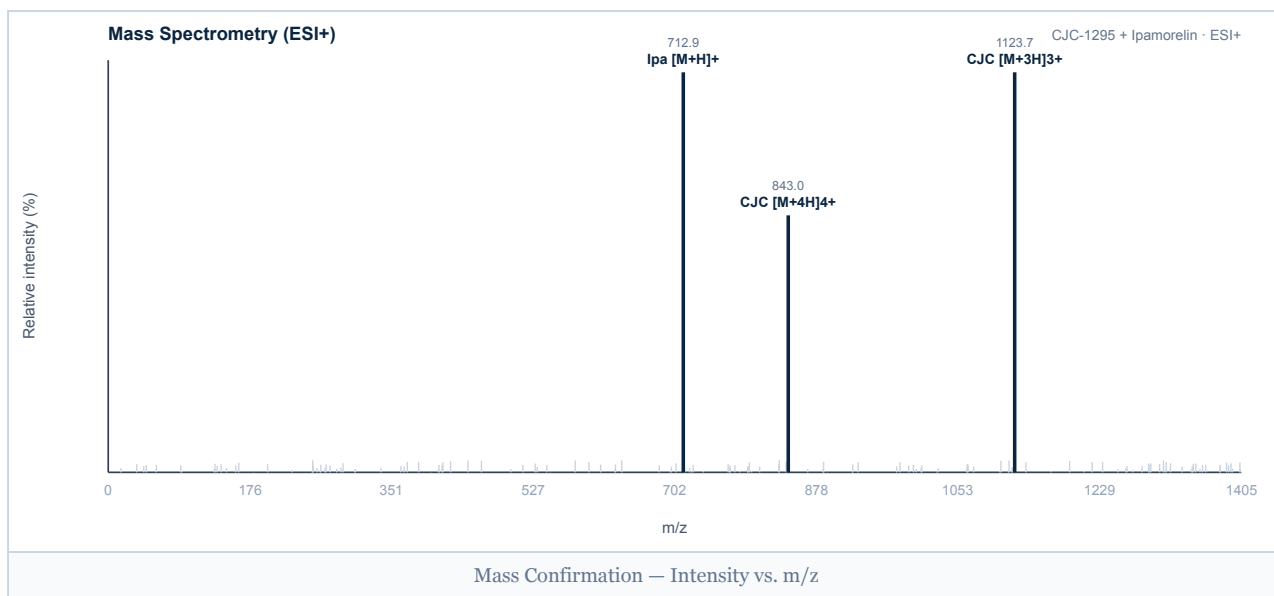
Sterility / microbial screening by PCR-based bioburden assay (USP <71> compatible).

Sterility / Microbial Screening: No microbial growth detected

| HPLC PURITY ANALYSIS |                                        |               |                                       |
|----------------------|----------------------------------------|---------------|---------------------------------------|
| Column:              | C18, 4.6 x 250 mm, 5 µm                | Mobile Phase: | H <sub>2</sub> O / MeCN with 0.1% TFA |
| Gradient:            | 20-60% B over 20 min                   | Flow Rate:    | 1.0 mL/min                            |
| Detection:           | UV at 214 nm                           | Injection:    | 10 µL                                 |
| Retention:           | Ipamorelin 7.5 min · CJC-1295 11.2 min | Purity:       | CJC-1295 99.64% · Ipamorelin 99.72%   |



| MASS SPECTROMETRY — IDENTITY CONFIRMATION |                     |              |                     |
|-------------------------------------------|---------------------|--------------|---------------------|
| Method:                                   | LC-MS (ESI+)        | Theoretical: | 3367.95 / 711.85 Da |
| Observed:                                 | 3367.97 / 711.85 Da | Mass Error:  | +6 / +4 ppm         |



## CONCLUSION

Both components confirmed by LC-MS: CJC-1295 (no DAC) observed 3367.97 Da vs theoretical 3367.95 Da; Ipamorelin observed 711.85 Da vs theoretical 711.85 Da. HPLC purity CJC-1295 99.64%, Ipamorelin 99.72%. Each component measured within  $\pm 10\%$  of its 10 mg label claim. Endotoxin, heavy metals and sterility within limits. Sample passes.

*Two-component GHRH-analog / GH-secretagogue blend. No unexpected co-eluting impurities detected.*

Dr. Sabine Ellsworth — Principal Chemist

Reported: 2026-08-27

The analysis reported here was conducted under standard laboratory conditions and is intended for informational purposes only, specific to the sample(s) provided. The materials tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. Accuracy may be influenced by sample integrity, handling, and other experimental variables. This certificate applies only to the sample(s) tested and may not be reproduced except in full. Authenticity can be confirmed using Accession # **AMT-2026-2087** and Search Code **LSJ7G9BJ2B**.

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