# Synaptica Analytics

Independent Laboratory Analysis Report

OFFICIAL ANALYTICAL DOCUMENT

REPORT ID
**SYN-2026-005009**

## Analysis Report

Official laboratory analysis summary for the submitted sample and associated quality-control review.

| SAMPLE | RECEIVED DATE | ANALYSIS DATE | REPORT GENERATED |
|---|---|---|---|
| CJC-1295 / Ipamorelin | Jun 22, 2026 | Jun 23, 2026 | Jun 26, 2026 |

| | | | |
|---|---|---|---|
| STRENGTH | 10mg | MANUFACTURER | PepticoreAminos |
| BATCH NUMBER | PC-CJ10-1107W | LAB CODE | 938-1 |
| CLIENT | www.pepticoreaminos.net | | |

### SAMPLE INFORMATION

# CJC-1295 / Ipamorelin

**10MG**

| | |
|---|---|
| FORM | White lyophilized powder in a glass vial |
| SAMPLE SUBMISSION | Sample provided by customer |
| BATCH | PC-CJ10-1107W |
| CAP / CRIMP COLOR | Trasparent blue / Silver |
| RECEIVED DATE | Jun 22, 2026 |


SAMPLE IMAGE

### ANALYTICAL SUMMARY

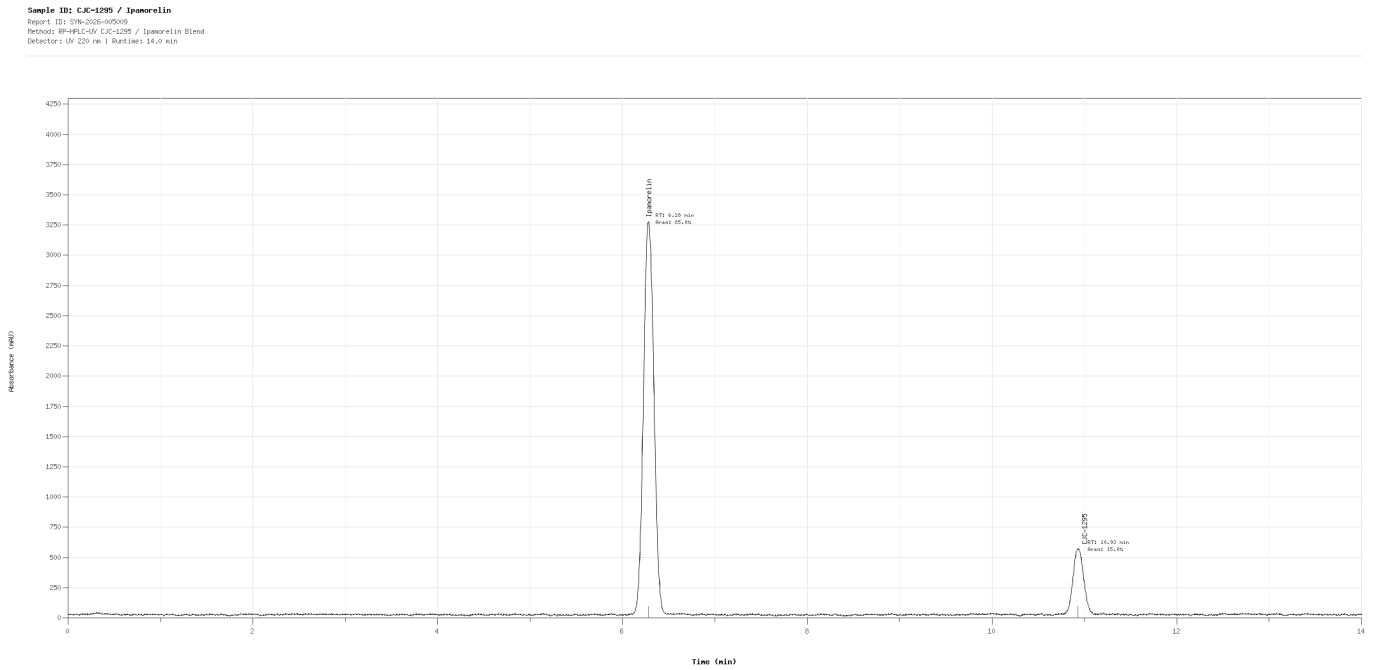
| | |
|---|---|
| IDENTITY | CJC-1295 No DAC + Ipamorelin |
| PURITY | 99.563% |
| QUANTITY | 10.59mg |
| BATCH | PC-CJ10-1107W |
| MANUFACTURER | PepticoreAminos |

### BLEND COMPOSITION

| COMPONENT | MEASURED MASS |
|---|---|
| CJC-1295 No DAC | 5.10mg |
| Ipamorelin | 5.49mg |

## RP-HPLC-UV CHROMATOGRAM (220 NM)

Detection: UV 220 nm | Runtime: 14.0 min




## METHOD

| TIME | H2O + 0.1% TFA | ACN + 0.1% TFA |
|---|---|---|
| 0min | 94% | 6% |
| 2min | 94% | 6% |
| 10min | 16% | 84% |
| 12min | 16% | 84% |
| 14min | 16% | 84% |

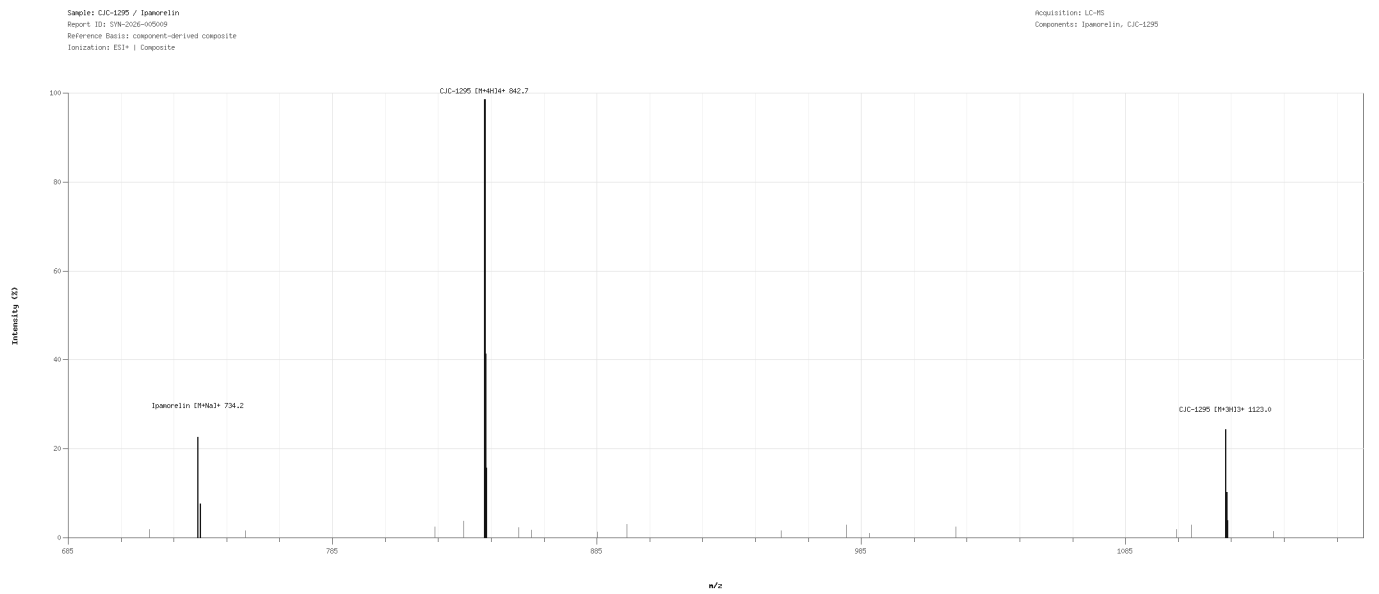
### TECHNICAL NOTE

Analysis performed by RP-HPLC-UV at 220 nm using a gradient elution program. Total runtime: 14.0 minutes.

## COMMENTS

The evaluated material meets the defined analytical specifications for identity, purity and impurity profile based on the applied RP-HPLC-UV method.

## LC-MS MASS SPECTRUM




The recorded mass spectrum shows distinct signals compatible with a blended analyte profile.

## ANALYSIS & METHODOLOGY

### STANDARD PEPTIDE PURITY, MASS & ADDITIONAL TESTING

Blend formulation analyzed by reverse-phase HPLC with UV detection under conditions suitable for multi-component separation. Component peak distribution and overall profile were assessed.

### BIOBURDEN

| TEST | RESULT | UNIT | REPORTING LIMIT |
|---|---|---|---|
| **Total Aerobic Microbial Count**<br>USP <61>/Eur. Ph. 2.6.12. Plate Count Method | **Not detected** | **CFU/g** | **>= 1000** |
| **Total Yeast and Mold Count**<br>USP <61>/Eur. Ph. 2.6.12. Plate Count Method | **Not detected** | **CFU/g** | **>= 100** |

### ENDOTOXIN ANALYSIS

| TEST | RESULT | UNIT | REPORTING LIMIT |
|---|---|---|---|
| **Bacterial Endotoxin**<br>USP<85>/ Eur. Ph. 2.6.14. Bacterial Endotoxin Chromogenic Test | **< 0.001** | **EU/mg** | **> 0.5** |

### HEAVY METALS

| TEST | RESULT | UNIT | REPORTING LIMIT |
|---|---|---|---|
| **Arsenic**<br>Elemental Impurities Screening | **Not detected** | **ppm** | **>= 1.5** |
| **Cadmium**<br>Elemental Impurities Screening | **Not detected** | **ppm** | **>= 0.5** |
| **Cobalt**<br>Elemental Impurities Screening | **Not detected** | **ppm** | **>= 25** |
| **Lead**<br>Elemental Impurities Screening | **Not detected** | **ppm** | **>= 1.5** |

| TEST | RESULT | UNIT | REPORTING LIMIT |
|---|---|---|---|
| **Nickel**<br>Elemental Impurities Screening | **Not detected** | **ppm** | **>= 25** |
| **Quicksilver**<br>Elemental Impurities Screening | **Not detected** | **ppm** | **>= 1.5** |
| **Vanadium**<br>Elemental Impurities Screening | **Not detected** | **ppm** | **>= 25** |

## TECHNICAL APPENDIX

This appendix documents the analytical methodology, instrumentation and acceptance criteria applied for the evaluation of the sample.

## METHOD SPECIFICATION

| PARAMETER | MULTI-COMPONENT PEPTIDE BLEND RP-HPLC-UV METHOD |
|---|---|
| **ANALYTICAL MODE** | Multi-component RP-HPLC-UV peptide blend screen |
| **COLUMN** | C18 peptide column, multi-component gradient configuration |
| **MOBILE PHASE A** | Water + 0.1% TFA |
| **MOBILE PHASE B** | Acetonitrile + 0.1% TFA |
| **FLOW RATE** | 0.8 mL/min |
| **DETECTION** | UV 220 nm |
| **INJECTION VOLUME** | 10 uL |
| **RUNTIME** | 14.0 min |
| **SAMPLE DILUENT** | Aqueous organic diluent compatible with peptide blends |
| **SAMPLE PREPARATION** | Diluted, mixed and clarified before component review |

## INSTRUMENT PLATFORM

| PARAMETER | HIGH-RESOLUTION UPLC/HPLC-UV PLATFORM |
|---|---|
| **SYSTEM TYPE** | High-resolution LC platform |
| **DETECTOR** | UV/VIS detector |
| **ACQUISITION** | Chromatographic acquisition and integration software |
| **REVIEW MODE** | Gradient profile review with peak integration |
| **WORKFLOW NOTE** | Used for long peptide and multi-component profile review |

## ANALYTICAL CRITERIA

| PARAMETER | ACCEPTANCE FRAMEWORK | BASIS |
|---|---|---|
| **IDENTITY** | Retention-time and profile agreement with reference expectations | Chromatographic identity review |
| **PURITY** | NLT 98.0% unless a stricter report-specific specification is declared | Integrated RP-HPLC-UV purity profile |
| **QUANTITY** | Measured content reviewed against the declared sample strength | Report-level analytical summary |
| **BIOBURDEN** | Not detected or within stated reporting limits | Microbial screening table |

| PARAMETER | ACCEPTANCE FRAMEWORK | BASIS |
|---|---|---|
| **ENDOTOXIN** | Below stated reporting limit / internal screening threshold | Endotoxin analysis table |
| **HEAVY METALS** | Below individual reporting limits where screened | Elemental impurities screening table |

This appendix documents the analytical methodology, instrumentation and acceptance criteria applied for the evaluation of the sample.

## VERIFICATION

Verify this report through the official Synaptica Analytics verification page using the details below.
**Verification URL** synaptica-labs.com/verify-report
**Report ID** SYN-2026-005009
**Verification Key** VK-MFPC-NVA6

**SCAN TO VERIFY**

## DIGITAL SIGNATURE

**DIGITALLY SIGNED BY:**
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Director