

Lot Number: **IWR-4328886-P**
 Client Name: **Iron Within Research**
 Identity: **www.ironwithinresearch.com**

Received Date: **04/21/2026**
 Analysis Conducted: **04/16/2026**
 Searchable via: **horizonanalytical.com**

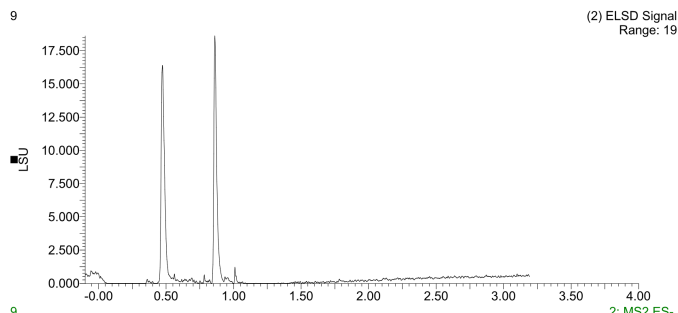
Compound:	Ipamorelin
Lot:	IWR-4328886-P
Appearance:	White Lyophilized Powder

CAS:	170851-70-4
Formula:	C ₃₈ H ₄₉ N ₉ O ₅
Mol Weight:	~711.9 g/mol

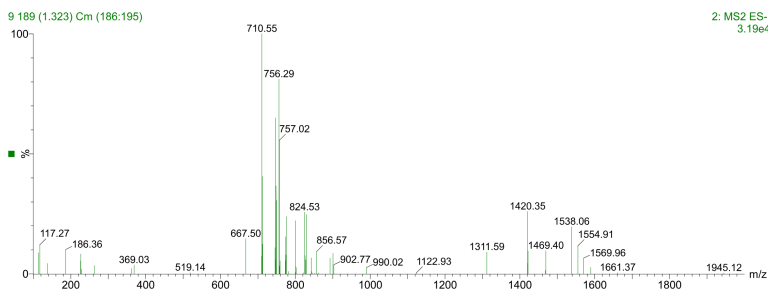
Pubchem CID: 9831659

Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	Ipamorelin	Ipamorelin	
Quantity:	5mg	4.93mg	
Purity:	≥ 98%	99.31%	



UPLC



MS

Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

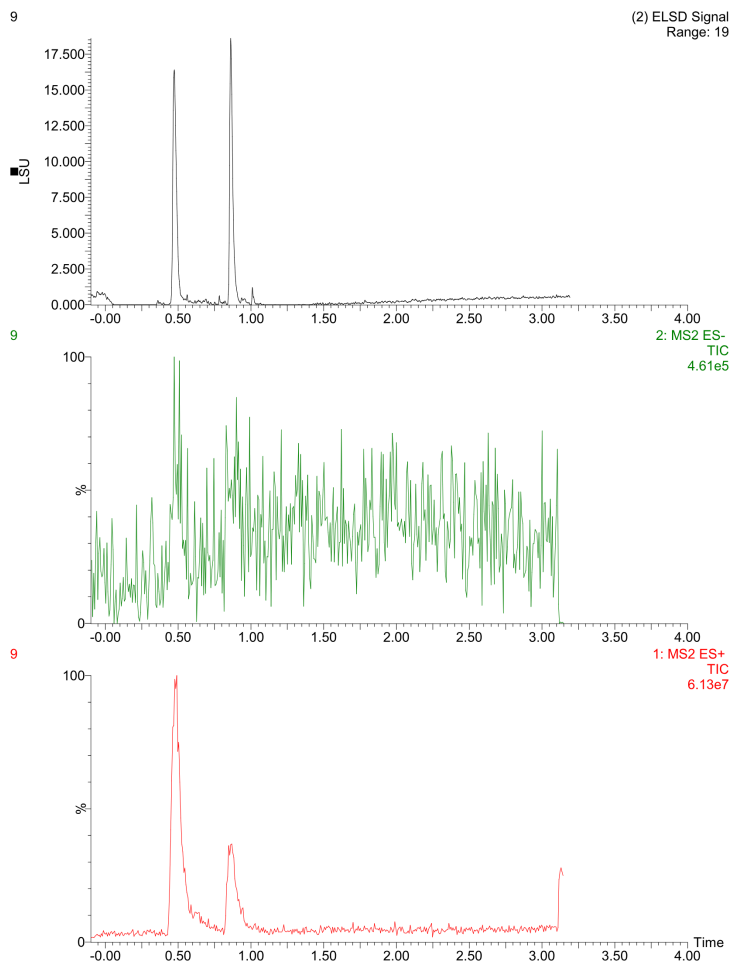


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

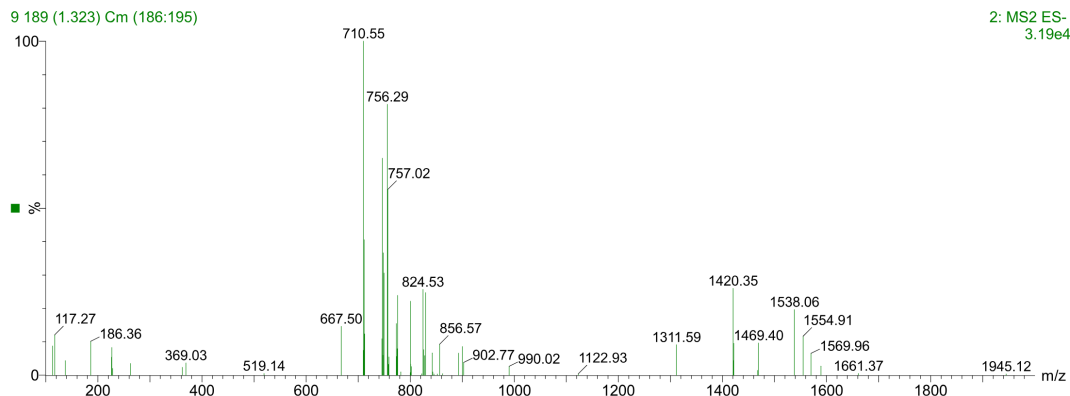
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Ipamorelin (5mg) • Pubchem CID: 9831659
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



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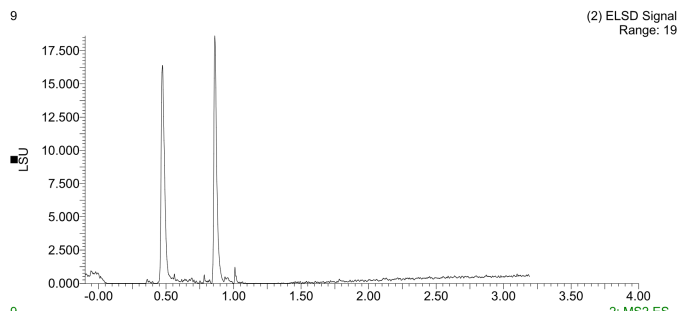
Compound:	CJC-1295 no DAC
Lot:	IWR-4328886-P
Appearance:	White Lyophilized Powder

CAS:	446036-97-1
Formula:	C ₁₅₂ H ₂₅₂ N ₄₄ O ₄₂
Mol Weight:	~3367.9 g/mol

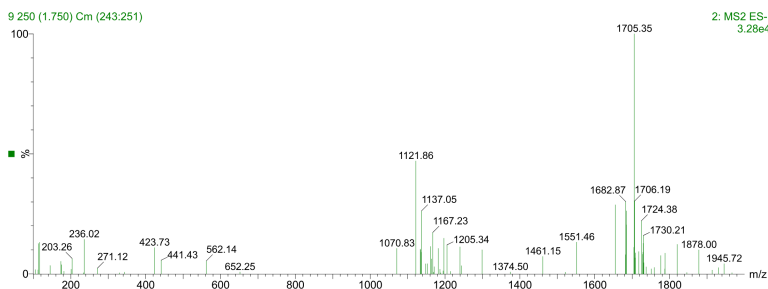
Pubchem CID: 91976840

Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	CJC-1295 no DAC	CJC-1295 no DAC	
Quantity:	5mg	4.93mg	
Purity:	≥ 98%	99.15%	



UPLC



MS

Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist

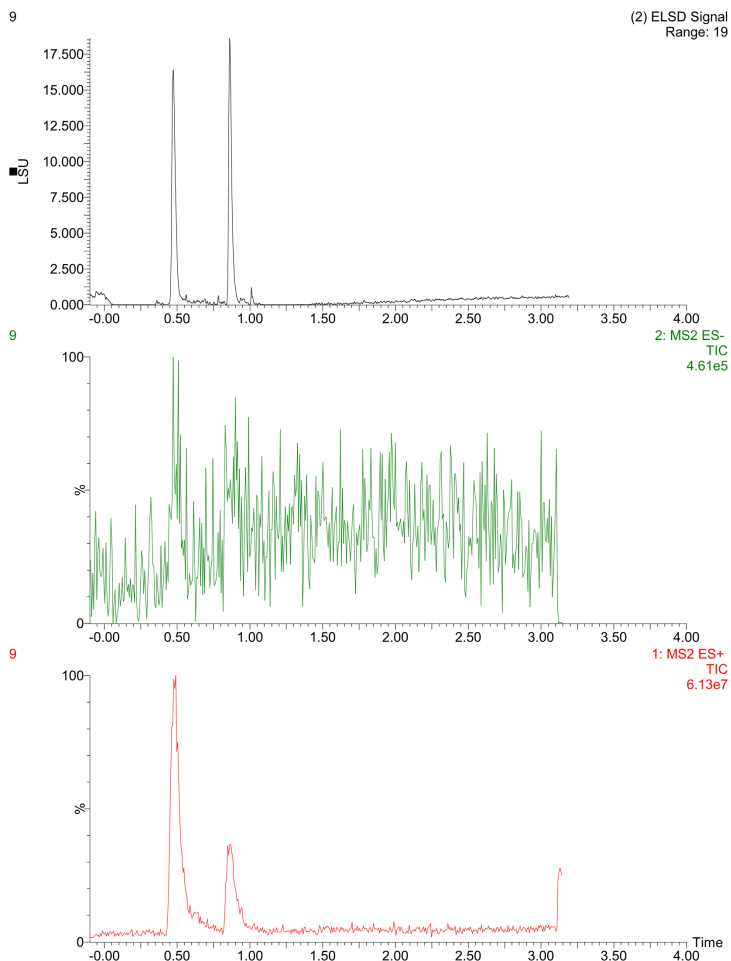


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

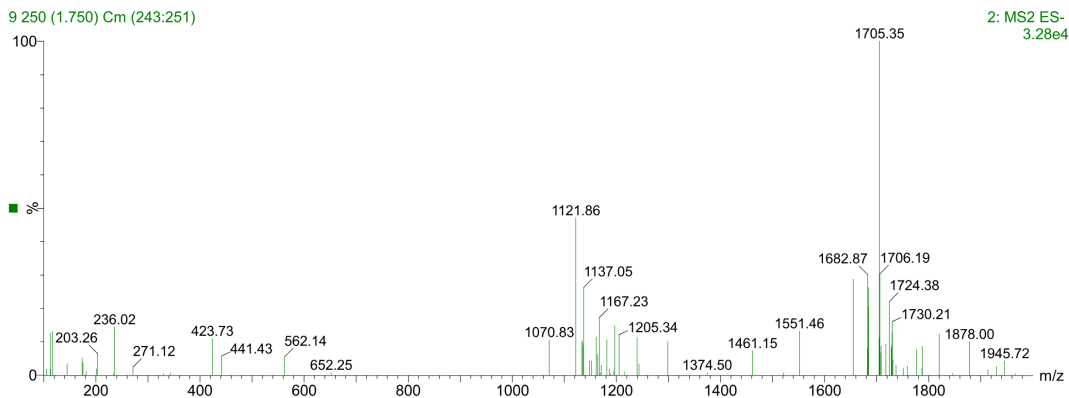
Lot Number: IWR-4328886-P
 Client Name: Iron Within Research
 Identity: www.ironwithinresearch.com

Received Date: 04/21/2026
 Analysis Conducted: 04/16/2026
 Searchable via: horizonanalytical.com

CJC-1295 no DAC (5mg) • Pubchem CID: 91976840
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)





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Searchable via: [FreedomDiagnosticsTesting.com](https://freedomdiagnostics.com)

Product	CJC-1295 /Ipamorelin 20mg
Net Peptide Content	Ipamorelin – 11.54 mg CJC-1295 – 10.76 mg
Identity	Ipamorelin/CJC-1295

Certificate of Analysis

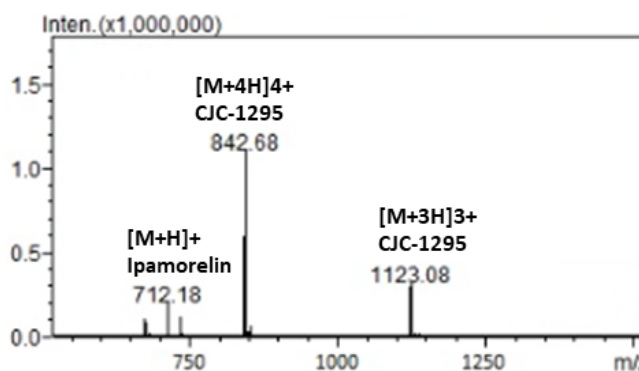
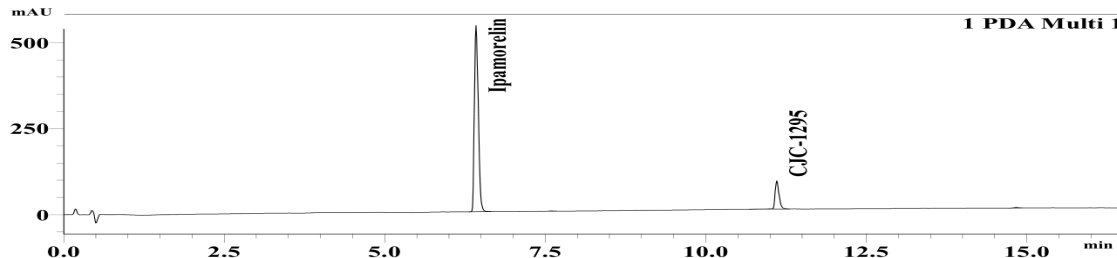
Accession Number	2602110107
Client	Iron Within Nutrition LLC
Search Code	Iron2602110107

Received Date:	02/11/2026
Reported Date:	2/12/2026

Lot	N/A
Purity	99.416%
Appearance	White Lyophilized Powder

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

Mass Identification	Result
Ipamorelin/CJC-1295	99.416%



Stephen Schmidt

Stephen Schmidt
Principal Chemist

COA: 2602110107

The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides 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. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.

Searchable via: [FreedomDiagnosticsTesting.com](https://freedomdiagnostics.com)

Contact at: Admin@FreedomDiagnostics.net



Summit BioAnalytics | Nassau, The Bahamas | lab@summitbioanalytics.com |
summitbioanalytics.com

TESTED FOR

Iron Within Research

SAMPLE

Ipamorelin / CJC-1295 — 10 mg

PASS

BATCH #

IWR-2607-
IPACJC10

PURITY

99.89%

MASS

10.95 mg

IDENTITY

Confirmed

COA #:

SBA-26-0033

Method:

Full QC Panel

Lot Number:

IWR-2607-
IPACJC10

Analysis Date:

2026-08-02

Date Received:

2026-07-29

Labeled Content:

10 mg

Appearance:

White lyophilized
powder, intact seal



SCAN TO VERIFY



Identity



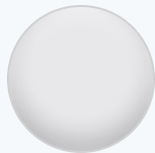
Purity



Endotoxins



Fentanyl Free



VIAL CAP

White

#E8E8EA

CLOSURE AS
RECEIVED

Test	Specification	Result
Identity	Ipamorelin + CJC-1295	All confirmed
Purity (HPLC, aggregate)	>= 98.0%	99.89%

Test	Specification	Result
Blend Composition	Report only	Quantified – see composition
Content (gross)	Report only	10.95 mg
Fentanyl Screen (LC-MS/MS)	Not detected	Not detected
Endotoxins (LAL)	Report Result	0.09 EU/mL
Sterility Screen (rapid PCR)	No growth	No growth
Heavy Metals (ICP-MS)	ICH Q3D limits	All analytes within limits

Qualitative and quantitative chemical analysis by RP-HPLC with UV detection; identity confirmed by LC-MS. Fentanyl screening by targeted LC-MS/MS. Sterility by rapid nucleic-acid amplification — a screening method, not compendial sterility per USP <71>. Full methodology available on request.

BLEND COMPOSITION

Mass basis, per-component reference standards

COMPONENT	AMOUNT	SHARE OF TOTAL	IDENTITY
Ipamorelin	5.10 mg	46.58%	Confirmed
CJC-1295	5.85 mg	53.42%	Confirmed

Each component is quantified on a mass basis against its own reference standard. Share of total will not match a component's area-percent in the chromatogram — different chromophores respond differently at the monitoring wavelength. Amounts are reported as measured; this certificate does not assess them against a declared formulation.

Kasey Malganius

Kasey Malganius
Lab Director
2026-08-02

COA #:SBA-26-0033

Access Code:UXYEBJ6R

Analyst:R. Whitfield

Verify:summitbioanalytics.com/verify

Issued:2026-08-02