

Lot Number: **IWR-4867057-P**
 Client Name: **Iron Within Research**
 Identity: **www.ironwithinresearch.com**

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

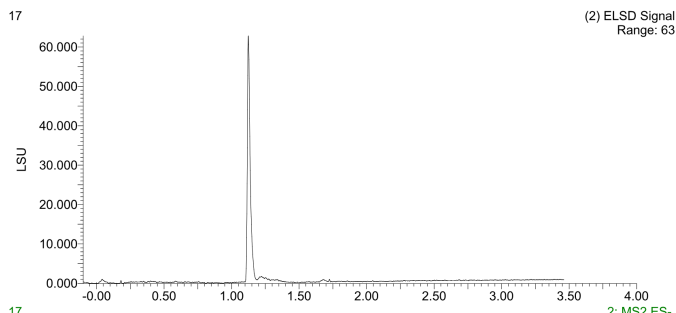
Compound:	Tesamorelin
Lot:	IWR-4867057-P
Appearance:	White Lyophilized Powder

CAS:	901758-09-6
Formula:	C ₂₂₃ H ₃₇₀ N ₇₂ O ₆₉ S
Mol Weight:	~5196 g/mol

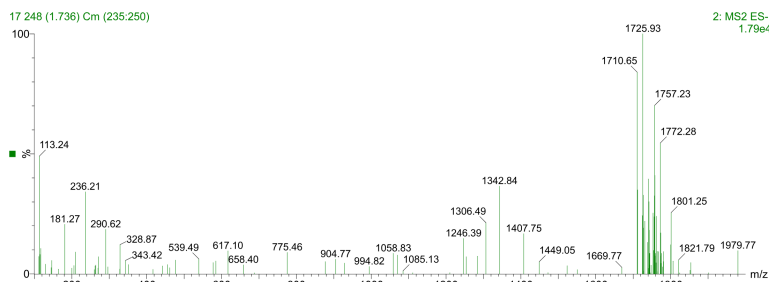
Pubchem CID: 44147413

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

	Specification	Result	Scan to Validate:
Compound Test:	Tesamorelin	Tesamorelin	
Quantity:	10mg	10.13mg	
Purity:	>98%	99.23%	



UPLC



MS

Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

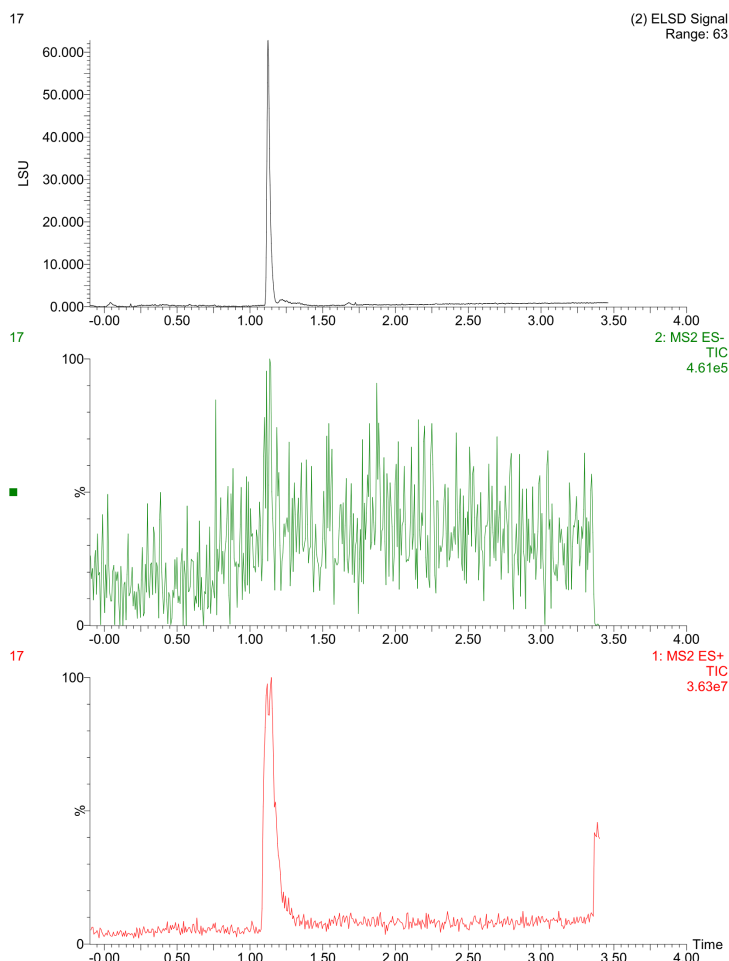


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

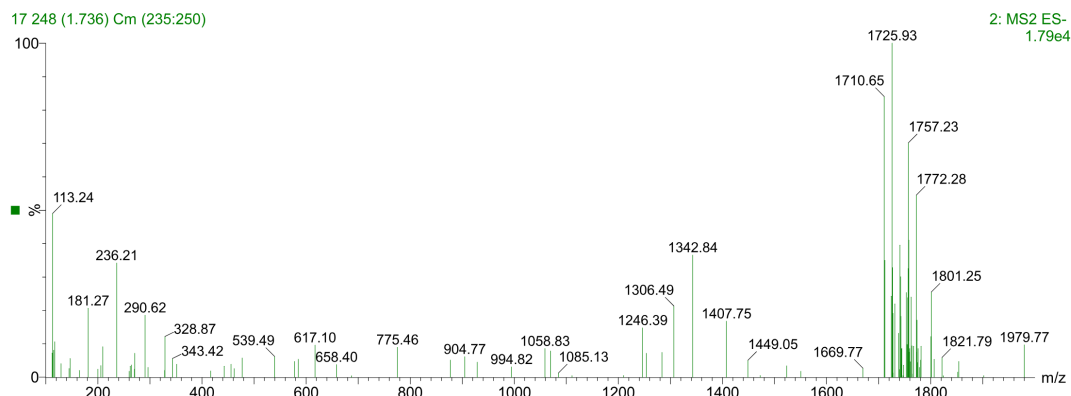
Lot Number: IWR-4867057-P
Client Name: Iron Within Research
Identity: www.ironwithinresearch.com

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

Tesamorelin (10mg) • Pubchem CID: 44147413
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)





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

TESTED FOR

Iron Within Research

SAMPLE

Tesamorelin — 10 mg

PASS

BATCH #

IWR-2607-TSM10

PURITY

99.83%

MASS

10.87 mg

IDENTITY

Confirmed

COA #:

SBA-26-0068

Method:

Full QC Panel

Lot Number:

IWR-2607-TSM10

Analysis Date:

2026-08-02

Labeled Content:

10 mg

Date Received:

2026-07-29

Appearance:

White lyophilized powder, intact seal



SCAN TO VERIFY



Identity



Purity



Endotoxins



Fentanyl Free



VIAL CAP

Black

#010101

CLOSURE AS
RECEIVED

Test	Specification	Result
Identity	Tesamorelin	Confirmed
Purity (HPLC)	>= 98.0%	99.83%
Content (gross)	Report only	10.87 mg
Fentanyl Screen (LC-MS/MS)	Not detected	Not detected
Endotoxins (LAL)	Report Result	0.01 EU/mL

Test	Specification	Result
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.

Kasey Malganius

Kasey Malganius
Lab Director
2026-08-02

COA #: SBA-26-0068
Access Code: XYD77FBU
Analyst: R. Whitfield
Verify: summitbioanalytics.com/verify
Issued: 2026-08-02

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

This certificate relates only to the item tested, as received. Research use only — not for human or veterinary use. A not-detected screening result describes this sample only and is not a statement about any other unit or lot.