

Lot Number: **FRP - 5138510**
 Client Name: **Freedom Peptides LLC**
 Identity: **Getfreedompeptides.com**


Received Date: **03/28/2026**
 Analysis Conducted: **04/10/2026**
 Searchable via: **horizonanalytical.com**

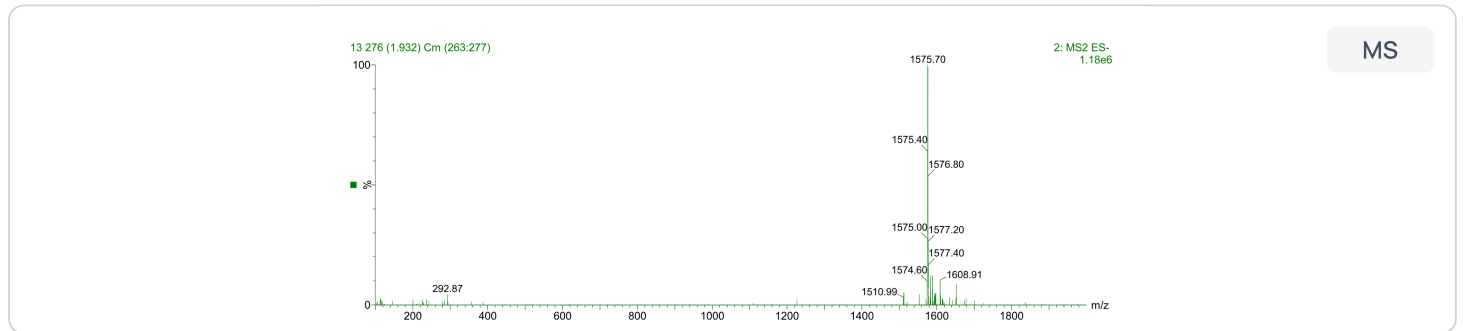
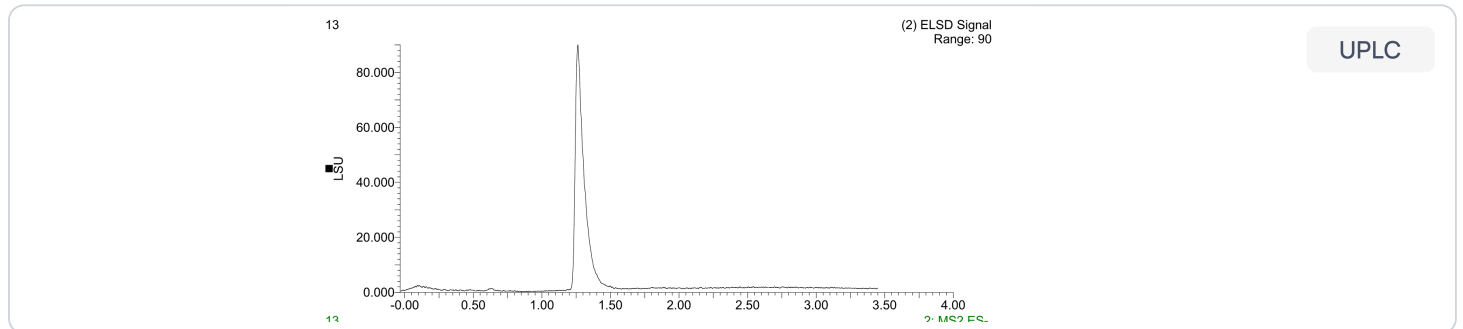
Compound:	Retatrutide
Lot:	FRP - 5138510
Appearance:	White Lyophilized Powder

CAS:	2381089-83-2
Formula:	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈
Mol Weight:	~4731 g/mol

Pubchem CID: 171390338

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

	Specification	Result	Scan to Validate:
Compound Test:	Retatrutide	Retatrutide	
Quantity:	10mg	10.3mg	
Purity:	>98%	99.42%	



Aleksey Yevtodiyyenko PhD
 Research and Formulation Chemist

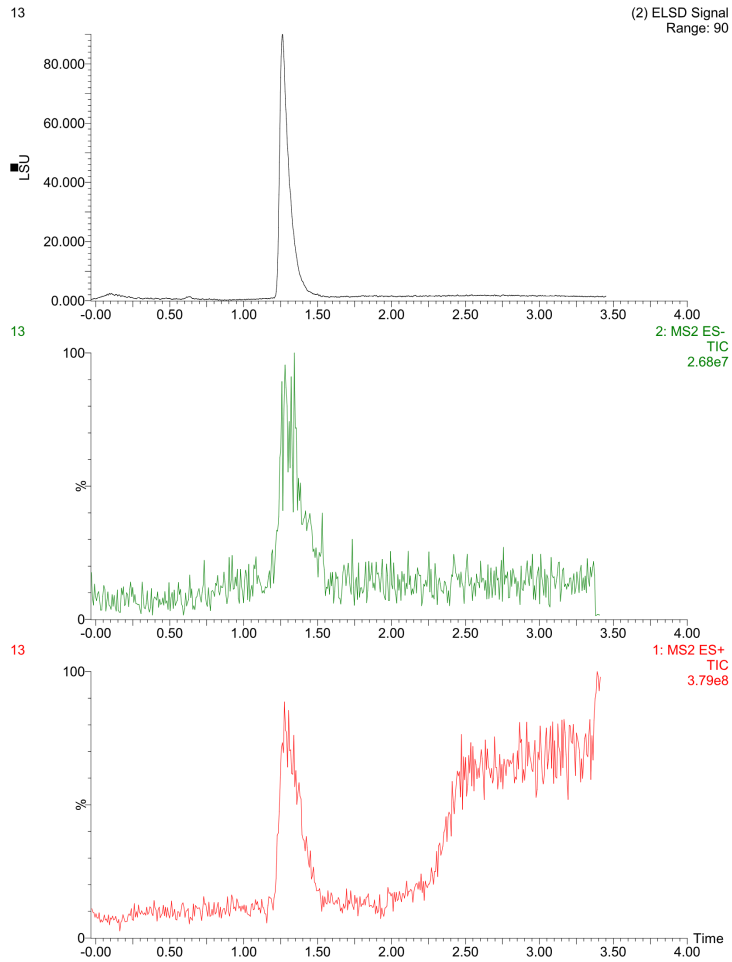


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

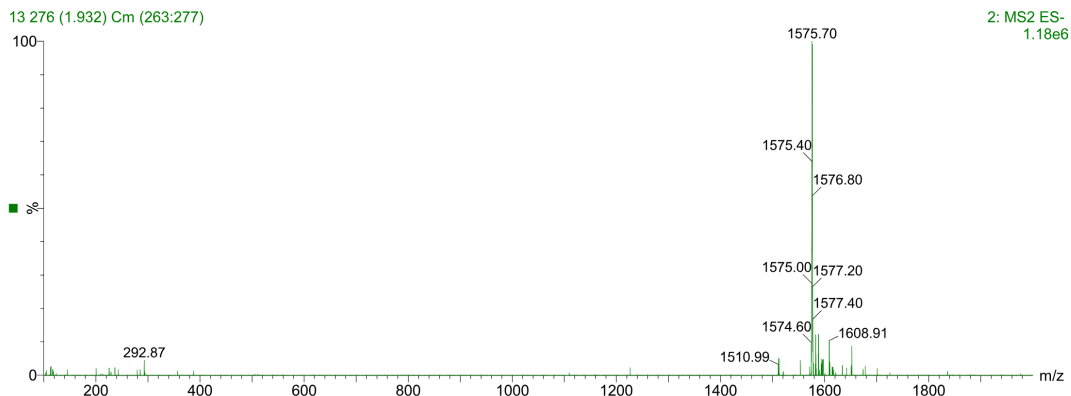
Lot Number: FRP - 5138510
Client Name: Freedom Peptides LLC
Identity: Getfreedompeptides.com

Received Date: 03/28/2026
Analysis Conducted: 04/10/2026
Searchable via: horizonanalytical.com

Retatrutide (10mg) • Pubchem CID: 171390338
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **FRP - 6138549**
 Client Name: **Freedom Peptides LLC**
 Identity: **Getfreedompeptides.com**


Received Date: **03/28/2026**
 Analysis Conducted: **04/10/2026**
 Searchable via: **horizonanalytical.com**

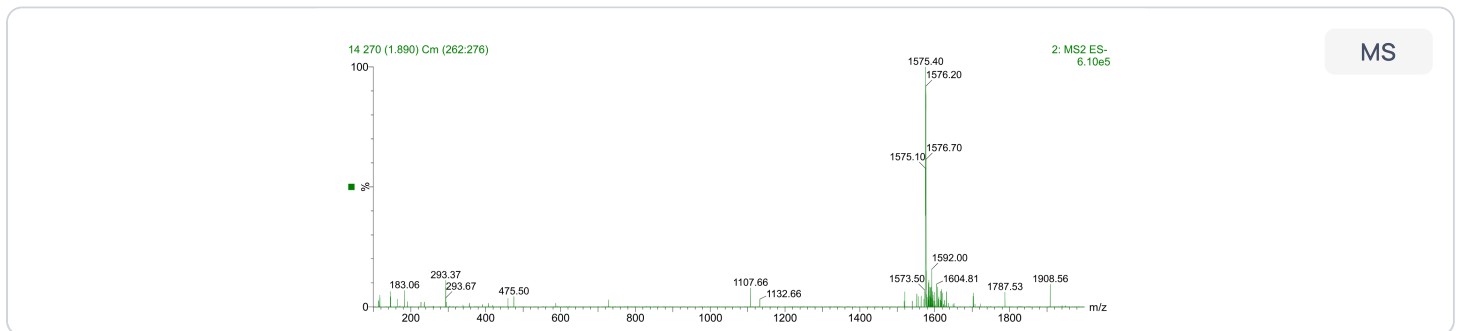
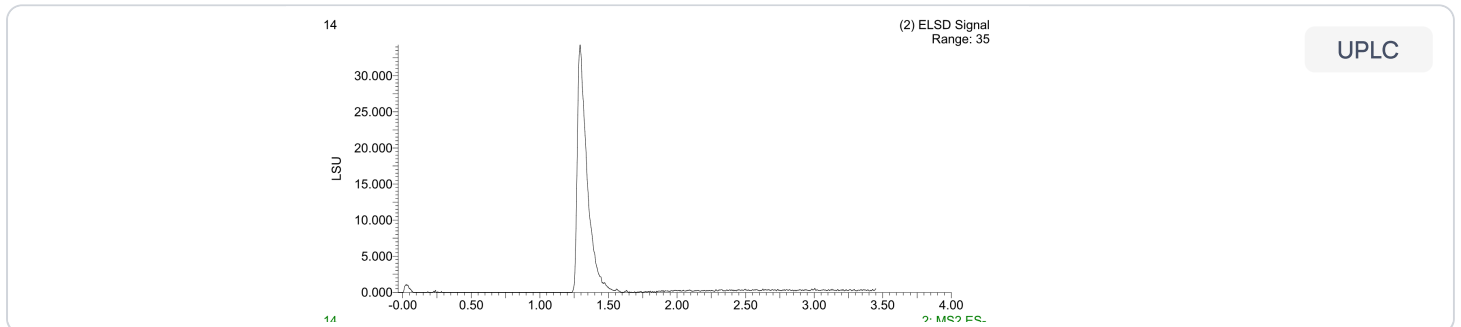
Compound:	Retatrutide
Lot:	FRP - 6138549
Appearance:	White Lyophilized Powder

CAS:	2381089-83-2
Formula:	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈
Mol Weight:	~4731 g/mol

Pubchem CID: 171390338

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

	Specification	Result	Scan to Validate:
Compound Test:	Retatrutide	Retatrutide	
Quantity:	60mg	53.4mg	
Purity:	>98%	99.39%	



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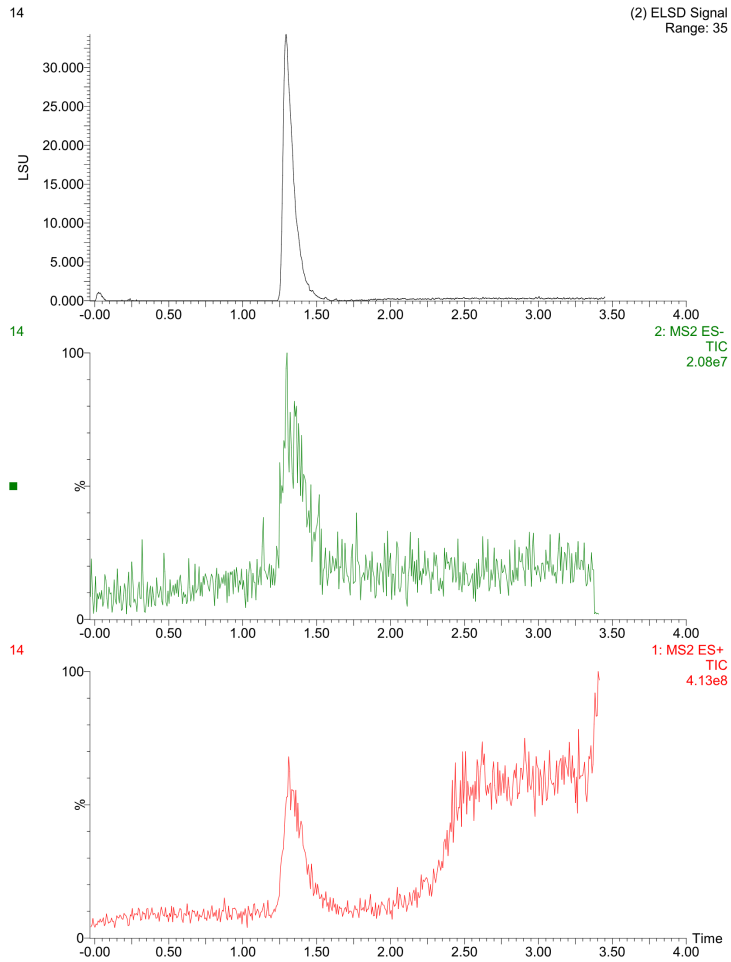


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

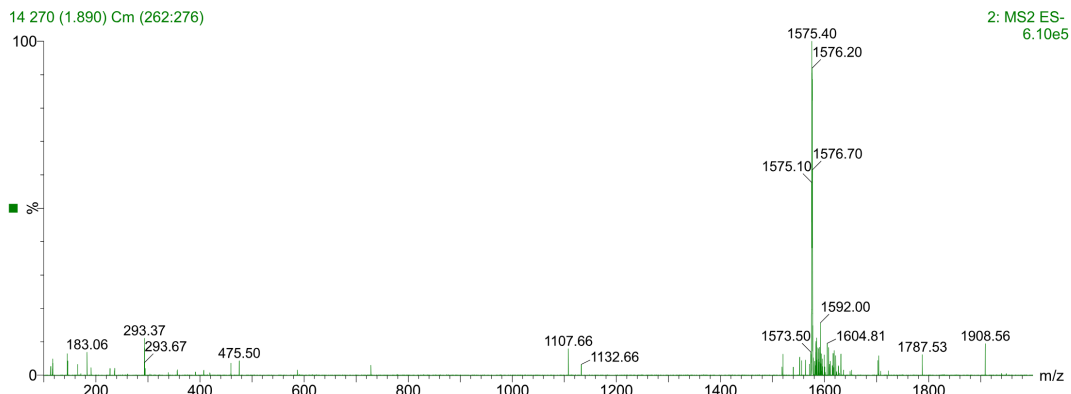
Lot Number: FRP - 6138549
Client Name: Freedom Peptides LLC
Identity: Getfreedompeptides.com

Received Date: 03/28/2026
Analysis Conducted: 04/10/2026
Searchable via: horizonanalytical.com

Retatrutide (60mg) • Pubchem CID: 171390338
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **FRP-2138549**
 Client Name: **Freedom Peptides LLC**
 Identity: **Getfreedompeptides.com**

Received Date: **02/14/2026**
 Analysis Conducted: **02/15/2026**
 Searchable via: **horizonanalytical.com**

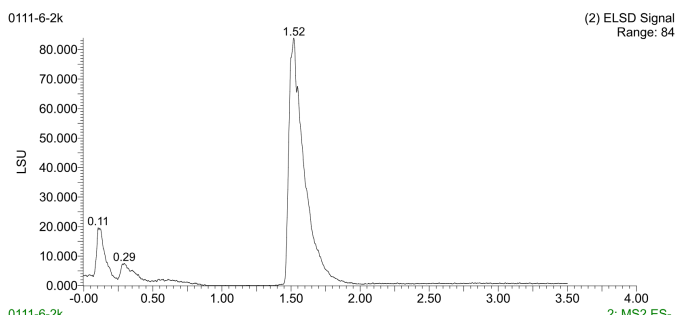
Compound:	Retatrutide
Lot:	FRP-2138549
Appearance:	White Lyophilized Powder

CAS:	2381089-83-2
Formula:	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈
Mol Weight:	~4731 g/mol

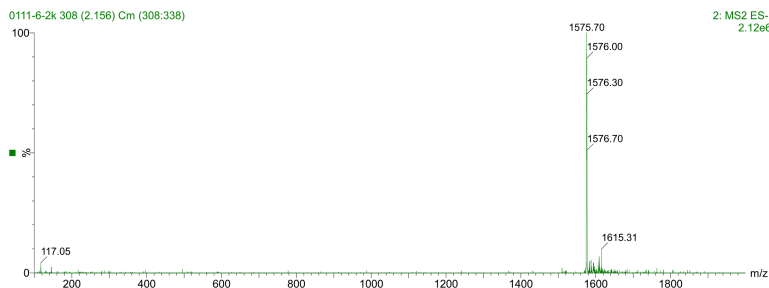
Pubchem CID: 171390338

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

	Specification	Result	Scan to Validate:
Compound Test:	Retatrutide	Retatrutide	
Quantity:	10mg	10.68mg	
Purity:	>98%	98.42%	



UPLC



MS

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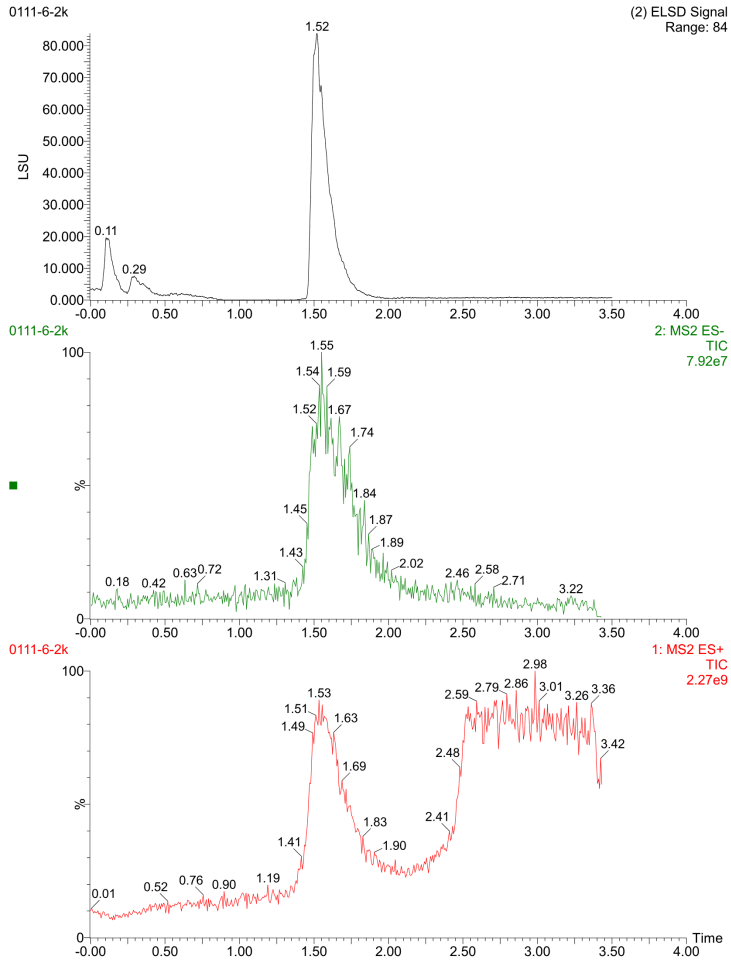


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

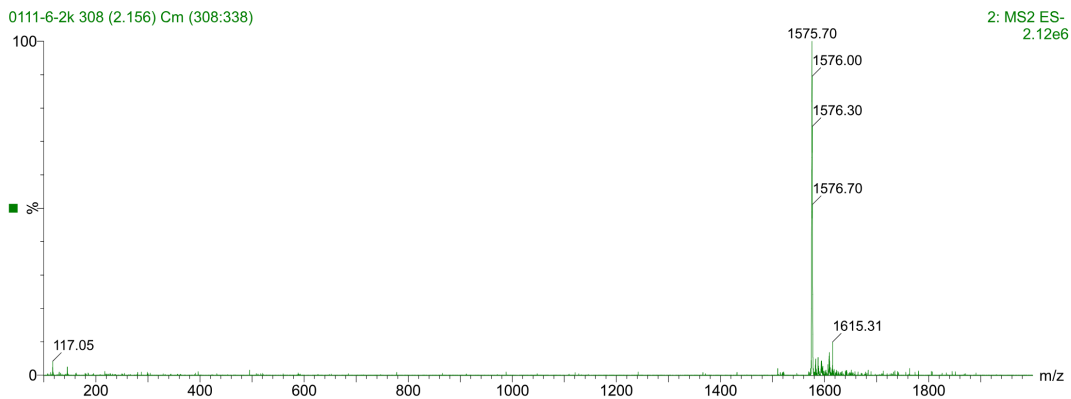
Lot Number: **FRP-2138549**
 Client Name: **Freedom Peptides LLC**
 Identity: **Getfreedompeptides.com**

Received Date: **02/14/2026**
 Analysis Conducted: **02/15/2026**
 Searchable via: **horizonanalytical.com**

Retatrutide (10mg) • Pubchem CID: 171390338
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **FRP-6561289**
 Client Name: **Freedom Peptides LLC**
 Identity: **Getfreedompeptides.com**

Received Date: **01/27/2026**
 Analysis Conducted: **01/27/2026**
 Searchable via: **horizonanalytical.com**

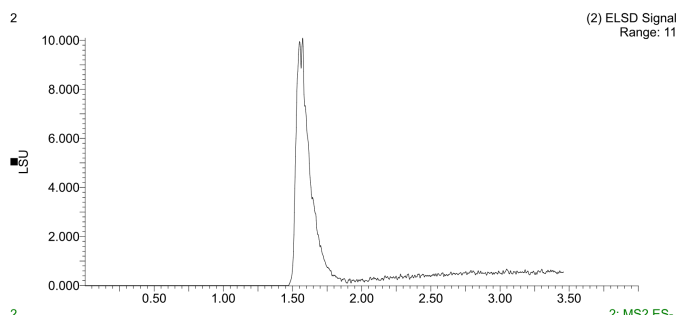
Compound:	Retatrutide
Lot:	FRP-6561289
Appearance:	White Lyophilized Powder

CAS:	2381089-83-2
Formula:	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈
Mol Weight:	~4731 g/mol

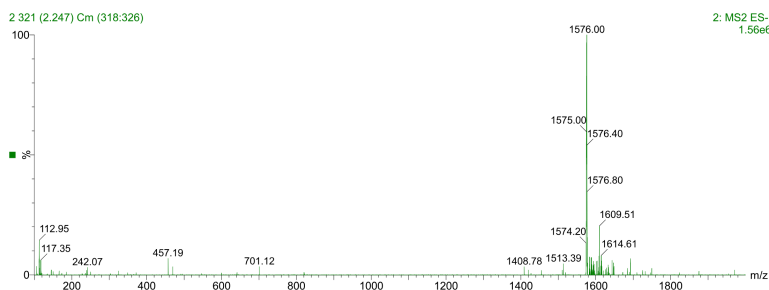
Pubchem CID: 171390338

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

	Specification	Result	Scan to Validate:
Compound Test:	Retatrutide	Retatrutide	
Quantity:	30mg	30.26mg	
Purity:	>98%	99.28%	



UPLC



MS

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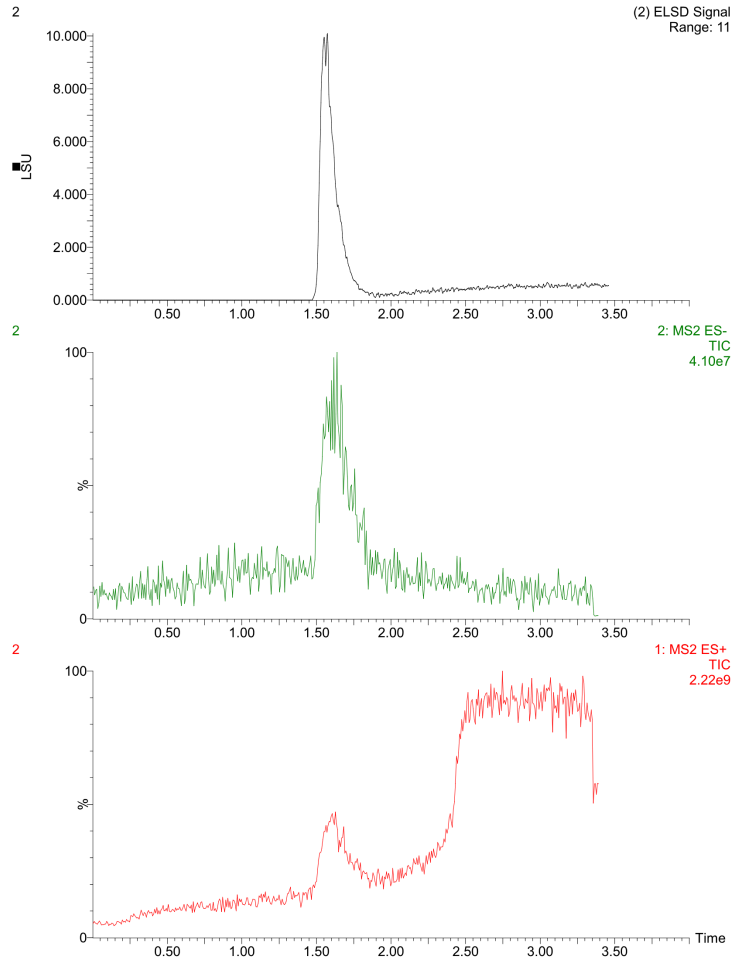


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

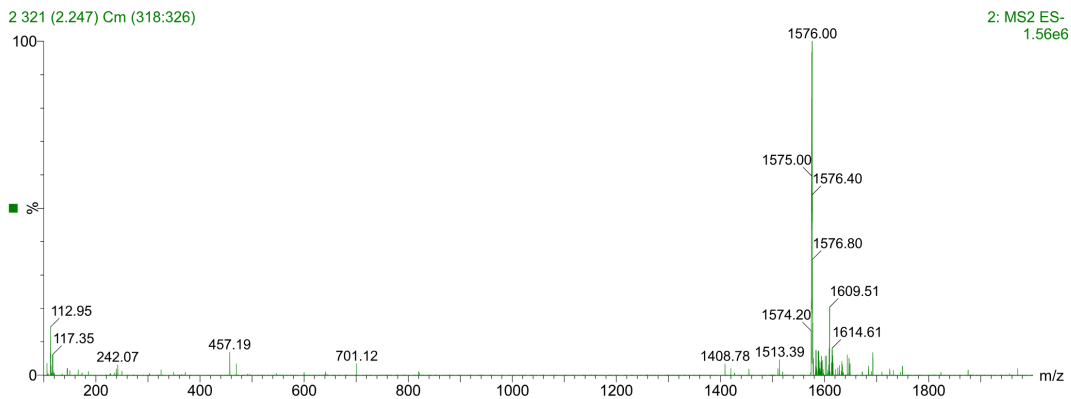
Lot Number: **FRP-6561289**
Client Name: **Freedom Peptides LLC**
Identity: **Getfreedompeptides.com**

Received Date: **01/27/2026**
Analysis Conducted: **01/27/2026**
Searchable via: **horizonanalytical.com**

Retatrutide (30mg) • Pubchem CID: 171390338
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **FRP-2138549**
Client Name: **Freedom Peptides LLC**
Identity: **Getfreedompeptides.com**


Received Date: **02/17/2026**
Analysis Conducted: **02/17/2026**
Searchable via: **horizonanalytical.com**

Compound:	Retatrutide
Lot:	FRP-2138549
Appearance:	-

CAS:	2381089-83-2
Formula:	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈
Mol Weight:	~4731 g/mol

Pubchem CID: 171390338

Endotoxin Test

	Specification	Result	Scan to Validate:
Compound Test:	Retatrutide	-	
Endotoxin:	-	<0.05 EU/mL	

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This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

Contact at: contact@horizonanalytical.comProudly Owned and Operated in the USA 