

Lot Number: **QMP-2117436-P**
 Client Name: **Quest Molecular Peptides**
 Identity: **qmpeptides.com**

Lab Received Date: **07/11/2026**
 Analysis Conducted: **07/15/2026**
 Searchable via: **horizonanalytical.com**

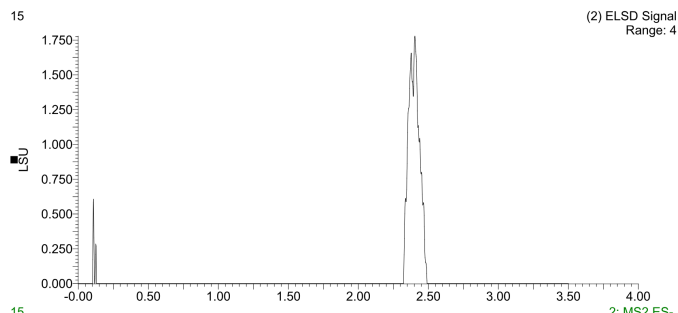
Compound:	Retatrutide
Report Number:	1017857
Appearance:	White Lyophilized Powder

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

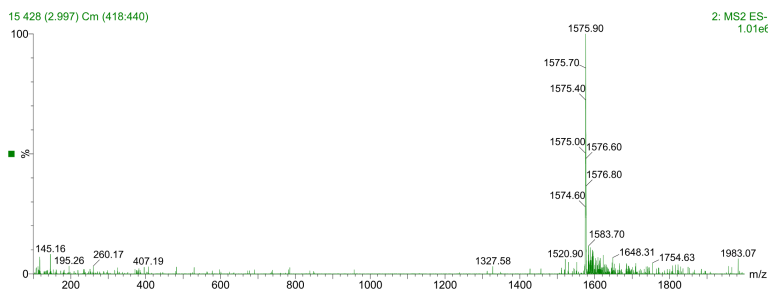
Pubchem CID: 171390338

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	9.82mg	
Purity:	>98%	99.42%	



UPLC



MS

Aleksey Yevtodiyyenko PhD
 Research and Formulation Chemist

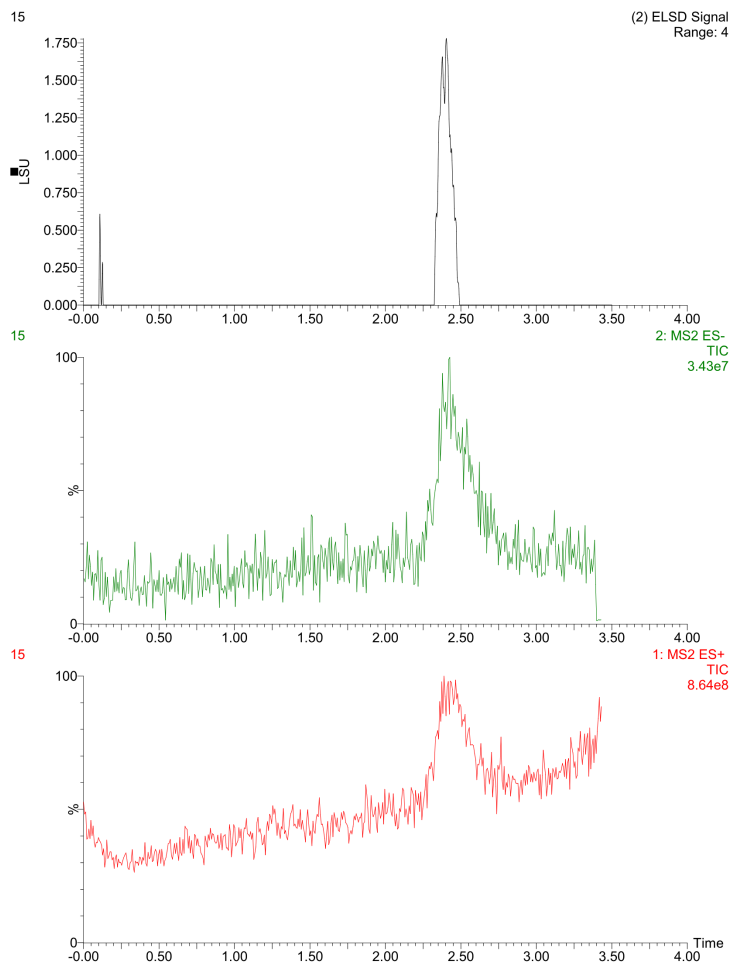


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

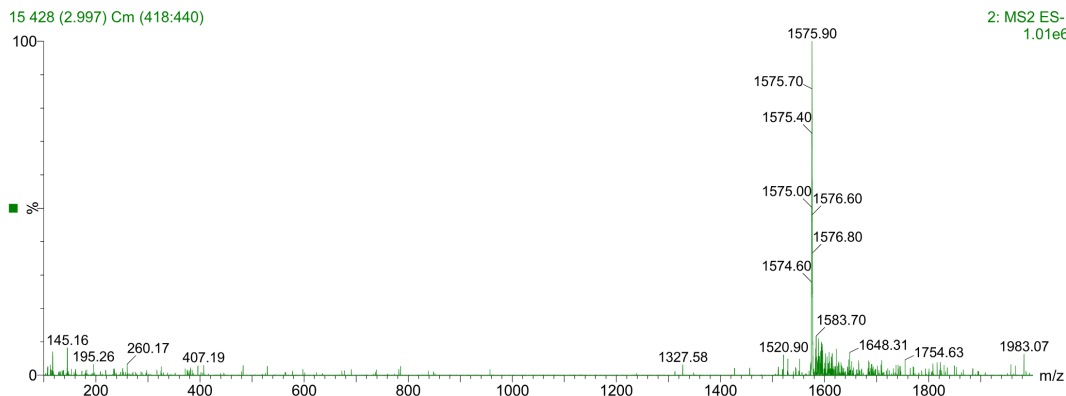
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Retatrutide (10mg) • Pubchem CID: 171390338
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: QMP-2117436-E
Client Name: Quest Molecular Peptides
Identity: qmpeptides.com

Lab Received Date: 07/11/2026
Analysis Conducted: 07/15/2026
Searchable via: horizonanalytical.com

Compound:	Retatrutide
Report Number:	1017856
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	Pass	
Endotoxin:	-	< 0.05 EU/mL	

Aleksey Yevtodiyenko PhD
Research and Formulation Chemist



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 

Finnrick Analytics
Finnrick.com



Project 145315
Lab # 207056
Date Rec'd 6/11/2026
Report Issued 7/1/2026

Certificate of Analysis

Compound Retatrutide Label Claim 30 mg Batch/Lot njq4sxx



Analyte	Result	Units	LOQ	% of Label	Method	Date	CAS
Peptide Analysis							
Chromatographic purity	>99.9	%	1		HPLC-UV/MS	6/18/2026	
Retatrutide	26.4	mg	.1	88.2	HPLC-UV-MS	6/18/2026	2381089-83-2
Mass Spectral Match	ID Confirmed				HPLC-UV-MS	6/18/2026	
Microbiology							
Endotoxins	<0.5	EU	0.5		USP 86	6/26/2026	
FDA Critical Metals							
Arsenic	ND	µg	0.50		USP 233	6/23/2026	7440-38-2
Cadmium	ND	µg	0.10		USP 233	6/23/2026	7440-43-9
Lead	ND	µg	0.50		USP 233	6/23/2026	7439-92-1
Mercury	ND	µg	0.10		USP 233	6/23/2026	7439-97-6

The data presented are from the analysis of the sample shown and meet Krause Analytical internal quality assurance criteria unless otherwise flagged.
Methods shown reference current Krause Analytical SOPs
ND - Not detected LOQ - limit of quantification
All values reported on a per vial basis unless otherwise noted
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Respectfully submitted,

Mark C. Krause
Laboratory Director

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