

Lot Number: **DPS-1743241**
Brand / Distributed by: **Vitalis Lab**
Identity: **Vitalis Lab**

Analysis Date: **08/07/2026**
Searchable via: **horizonanalytical.com**

Compound:	Retatrutide
Report Number:	1025141
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.com

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Lot Number: **DPS-1743241**
 Brand / Distributed by: **Vitalis Lab**
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Analysis Date: **08/07/2026**
 Searchable via: **horizonanalytical.com**

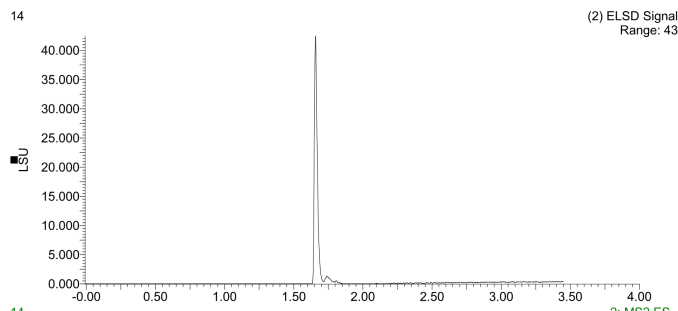
Compound:	Retatrutide
Report Number:	1025140
Appearance:	White Lyophilized Powder

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

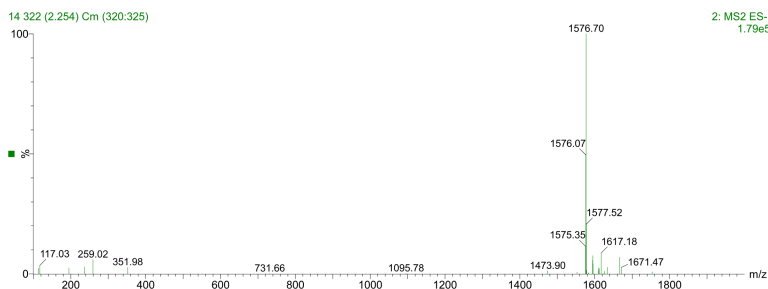
Pubchem CID: 171390338

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	29.8mg	
Purity:	>98%	99.41%	



UPLC



MS

Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist

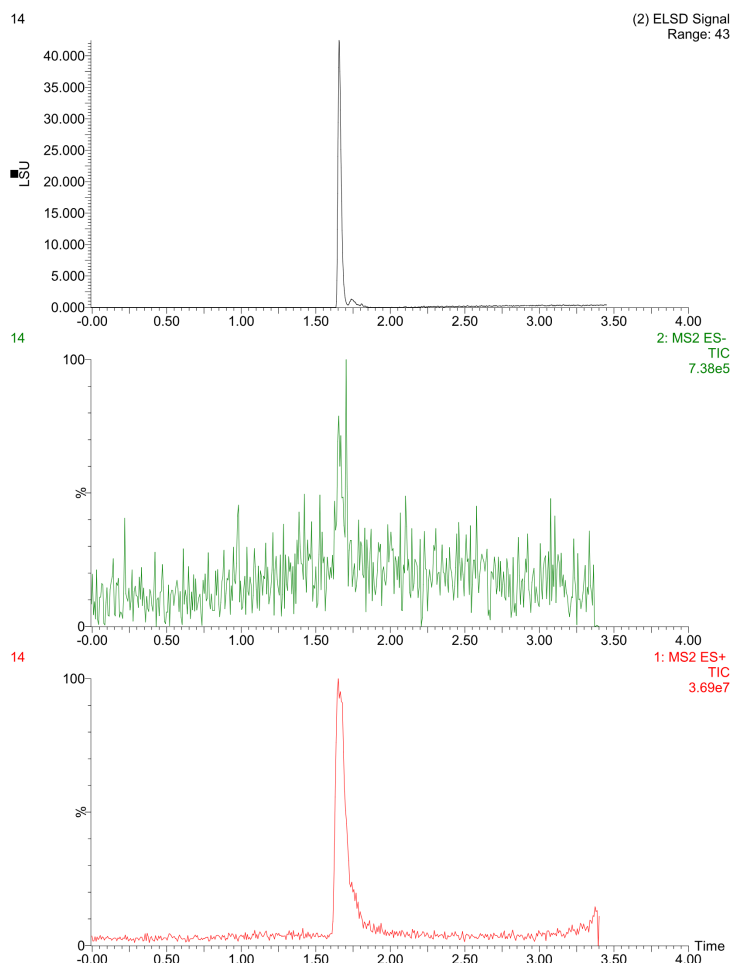


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

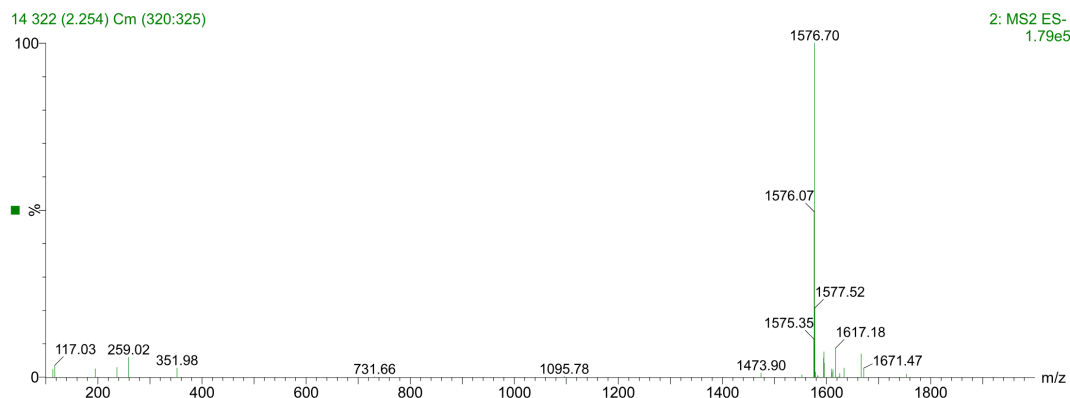
Lot Number: **DPS-1743241**
 Brand / Distributed by: **Vitalis Lab**
 Identity: **Vitalis Lab**

Analysis Date: **08/07/2026**
 Searchable via: **horizonanalytical.com**

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



Mass Spectrometry (MS)



Lot Number: **DPS-1957404**
Brand / Distributed by: **Vitalis Lab**
Identity: **Vitalis Lab**

Analysis Date: **07/17/2026**
Searchable via: **horizonanalytical.com**

Compound:	Tirzepatide
Report Number:	1023354
Appearance:	-

CAS:	2023788-19-2
Formula:	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈
Mol Weight:	~4813.5 g/mol

Pubchem CID: 156588324

Endotoxin Test

	Specification	Result	Scan to Validate:
Compound Test:	Tirzepatide	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.

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Lot Number: **DPS-1640102**
 Brand / Distributed by: **Vitalis Lab**
 Identity: **Vitalis Lab**

Analysis Date: **07/27/2026**
 Searchable via: **horizonanalytical.com**

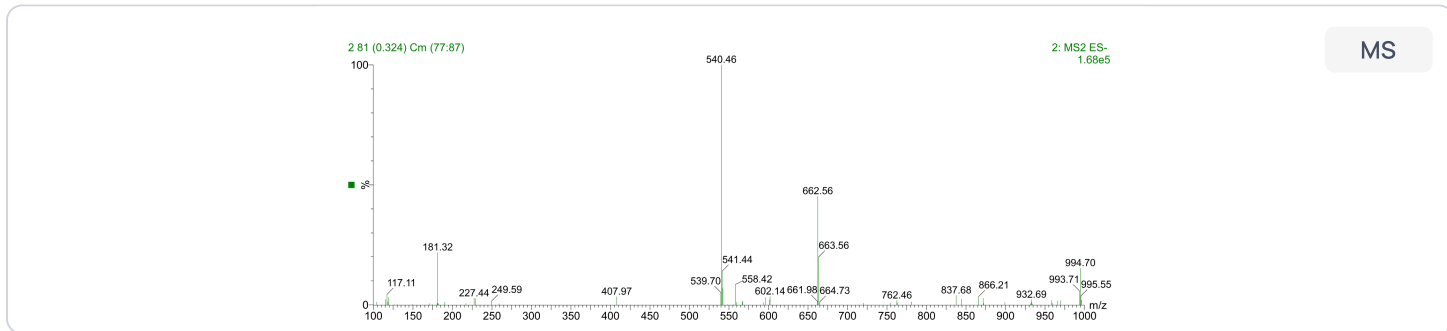
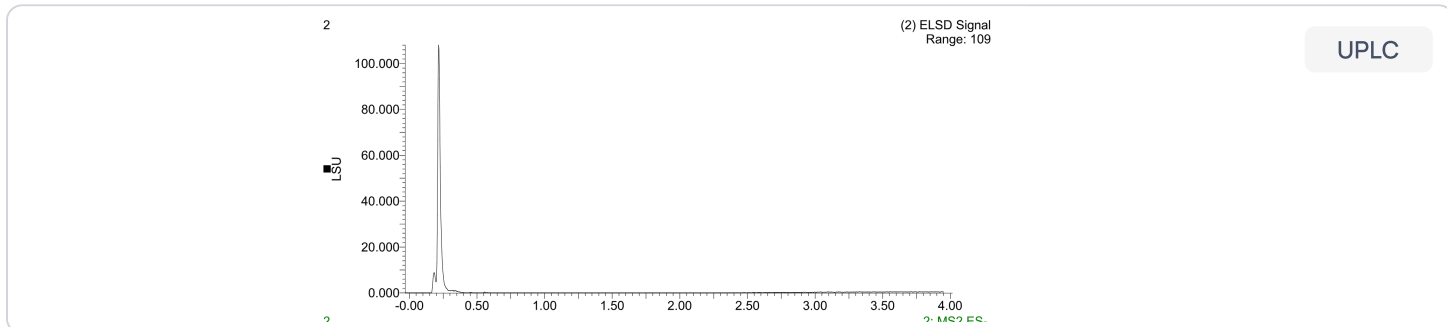
Compound:	NAD+
Report Number:	1020665
Appearance:	White Lyophilized Powder

CAS:	53-84-9
Formula:	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂
Mol Weight:	~663.43 g/mol

Pubchem CID: 925

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

	Specification	Result	Scan to Validate:
Compound Test:	NAD+	NAD+	
Quantity:	1000mg	988mg	
Purity:	>98%	99.51%	



Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist

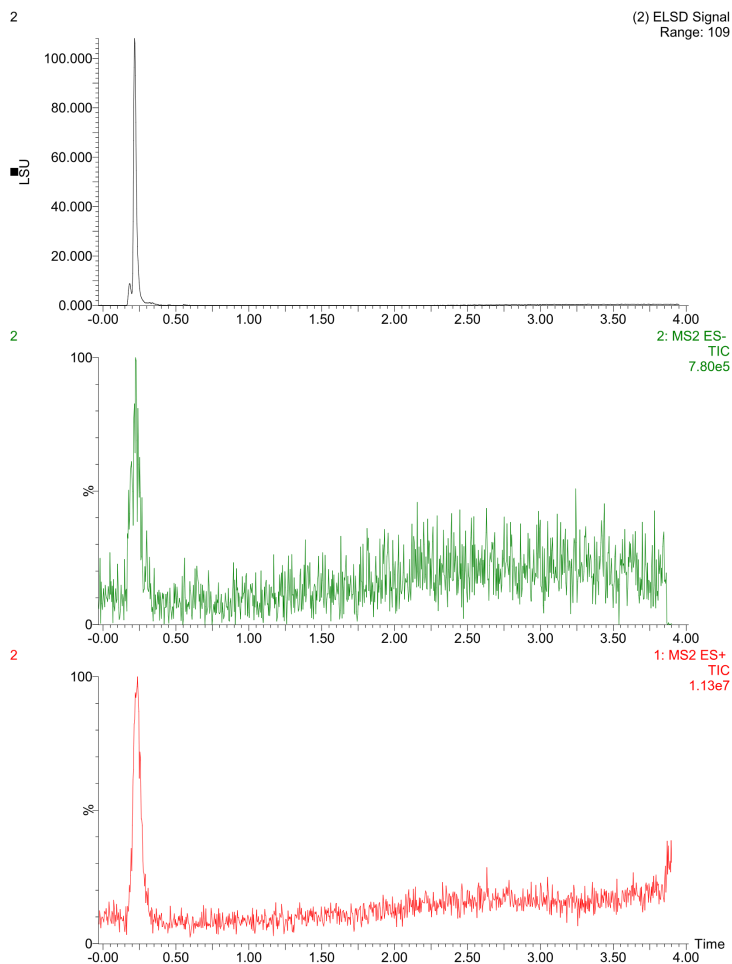


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

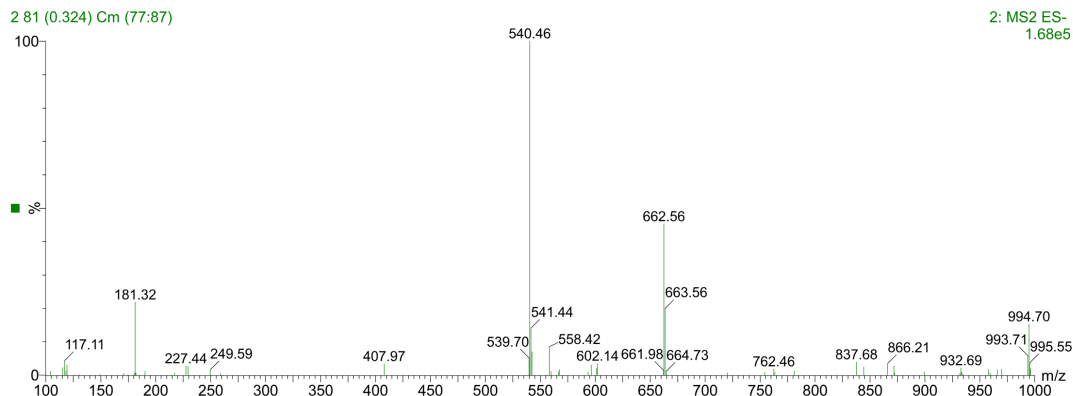
Lot Number: DPS-1640102
Brand / Distributed by: Vitalis Lab
Identity: Vitalis Lab

Analysis Date: 07/27/2026
Searchable via: horizonanalytical.com

NAD⁺ (1000mg) • Pubchem CID: 925
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **DPS-9050324**
 Brand / Distributed by: **Vitalis Lab**
 Identity: **Vitalis Lab**

Analysis Date: **07/27/2026**
 Searchable via: **horizonanalytical.com**

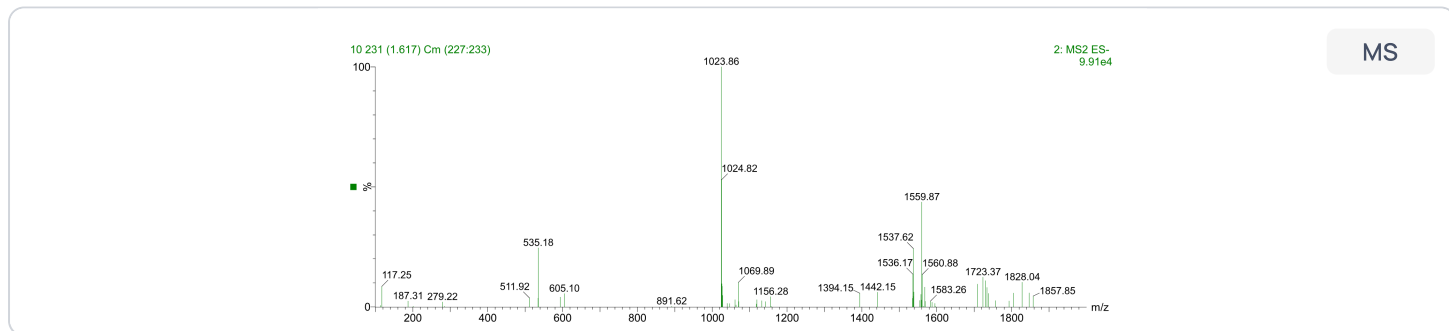
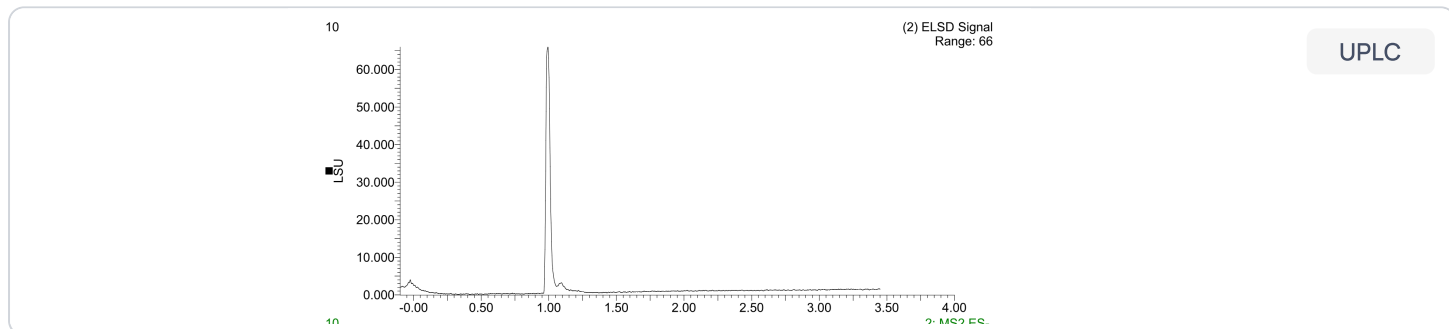
Compound:	PT-141
Report Number:	1020663
Appearance:	White Lyophilized Powder

CAS:	189691-06-3
Formula:	C ₅₀ H ₆₈ N ₁₄ O ₁₀
Mol Weight:	~1025.2 g/mol

Pubchem CID: 9941379

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

	Specification	Result	Scan to Validate:
Compound Test:	PT-141	PT-141	
Quantity:	10mg	10.02mg	
Purity:	>98%	99.28%	



Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

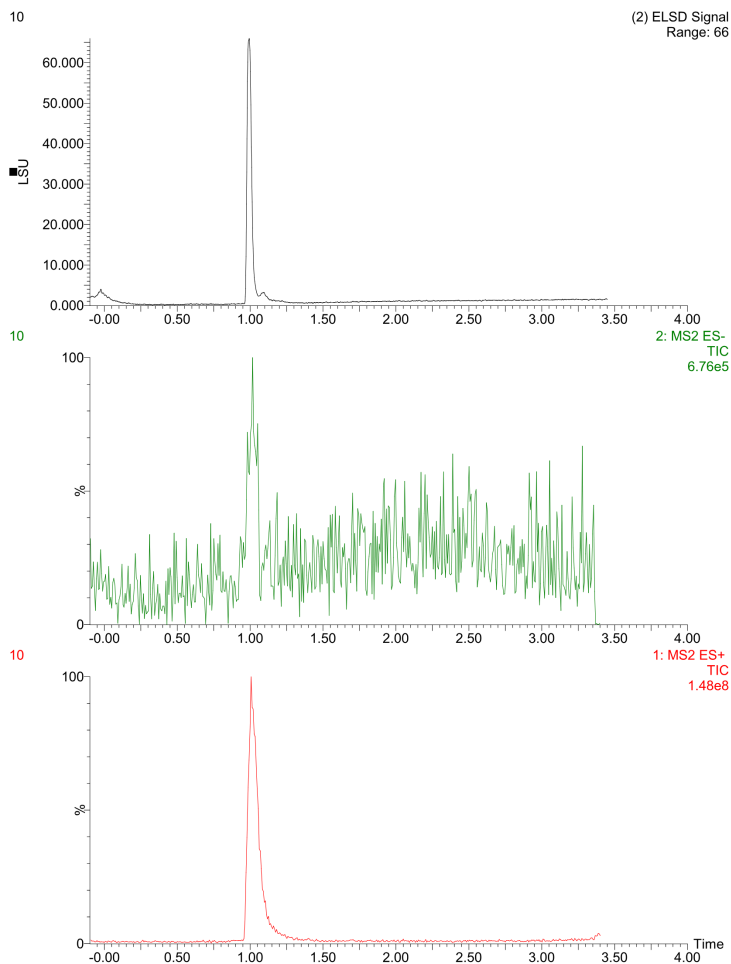


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

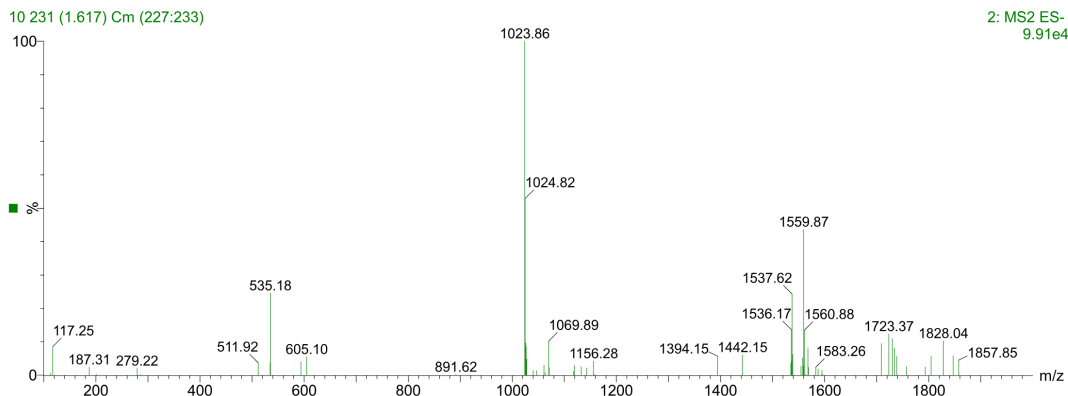
Lot Number: DPS-9050324
Brand / Distributed by: Vitalis Lab
Identity: Vitalis Lab

Analysis Date: 07/27/2026
Searchable via: horizonanalytical.com

PT-141 (10mg) • Pubchem CID: 9941379
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **DPS-2022011**
 Brand / Distributed by: **Vitalis Lab**
 Identity: **Vitalis Lab**

Analysis Date: **07/28/2026**
 Searchable via: **horizonanalytical.com**

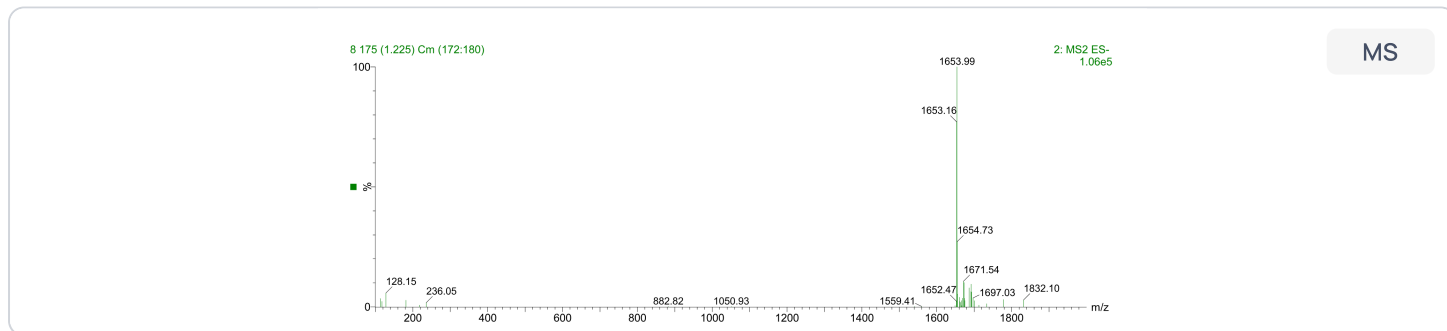
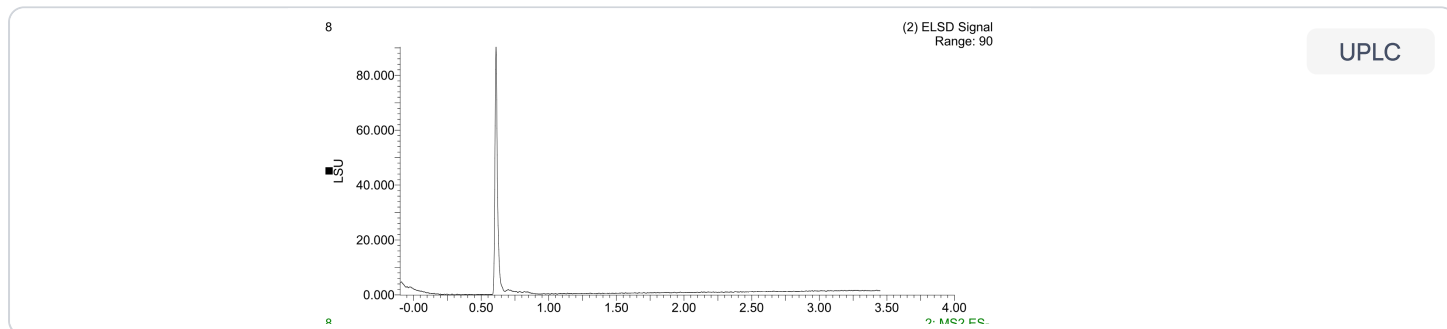
Compound:	TB-500
Report Number:	1020668
Appearance:	White Lyophilized Powder

CAS:	77591-33-4
Formula:	C ₂₁₂ H ₃₅₀ N ₅₆ O ₇₈ S
Mol Weight:	~4963 g/mol

Pubchem CID: 16132341

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

	Specification	Result	Scan to Validate:
Compound Test:	TB-500	TB-500	
Quantity:	10mg	9.93mg	
Purity:	>98%	99.38%	



Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist

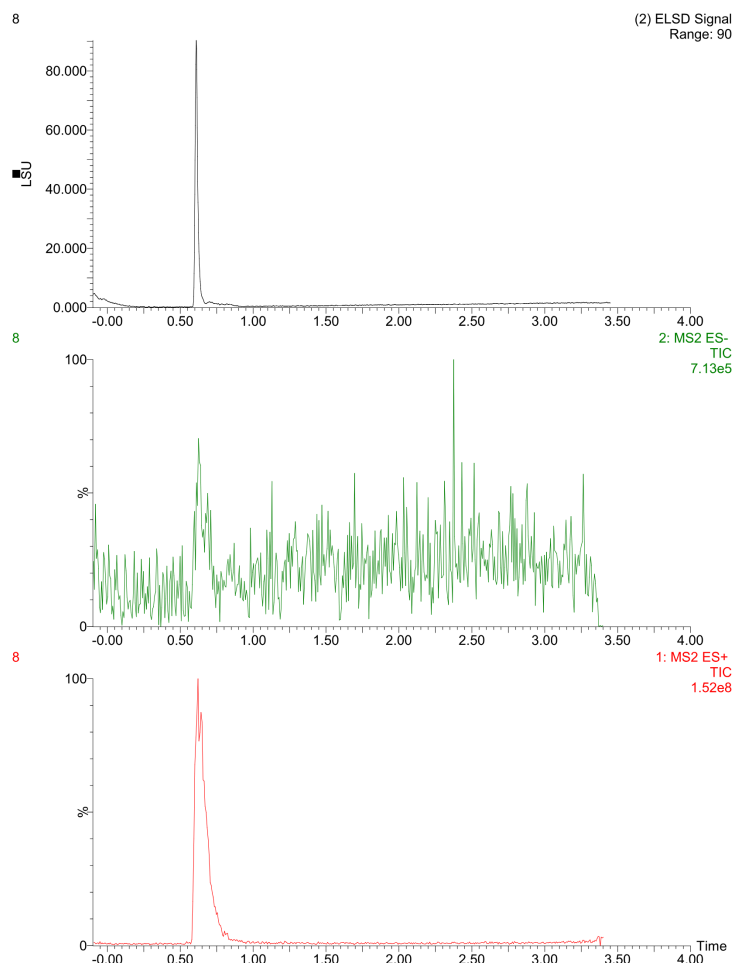


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

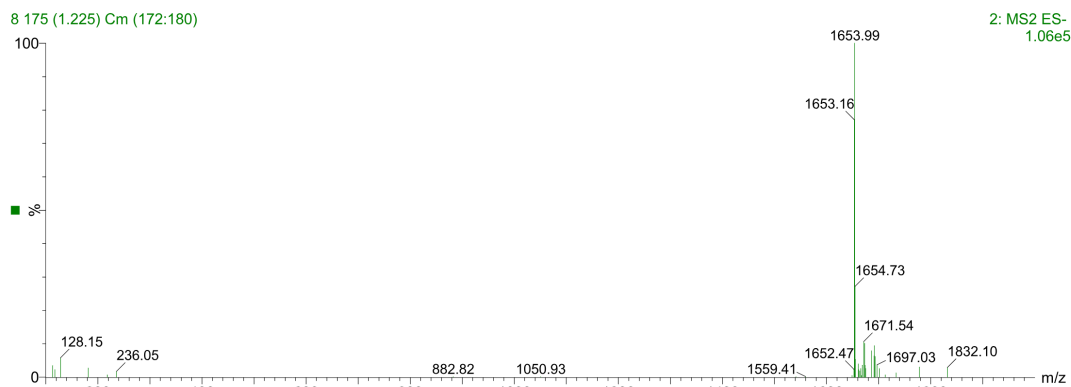
Lot Number: DPS-2022011
Brand / Distributed by: Vitalis Lab
Identity: Vitalis Lab

Analysis Date: 07/28/2026
Searchable via: horizonanalytical.com

TB-500 (10mg) • Pubchem CID: 16132341
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **DPS-1957404**
 Brand / Distributed by: **Vitalis Lab**
 Identity: **Vitalis Lab**

Analysis Date: **07/17/2026**
 Searchable via: **horizonanalytical.com**

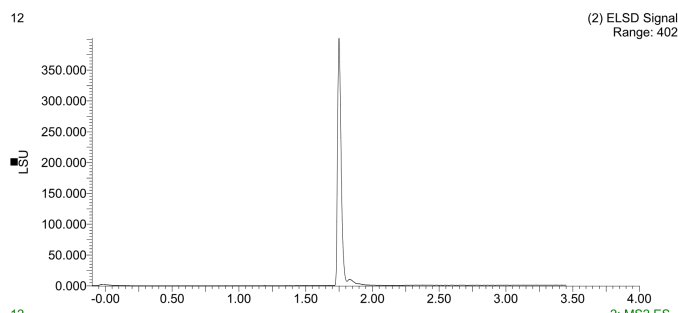
Compound:	Tirzepatide
Report Number:	1023353
Appearance:	White Lyophilized Powder

CAS:	2023788-19-2
Formula:	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈
Mol Weight:	~4813.5 g/mol

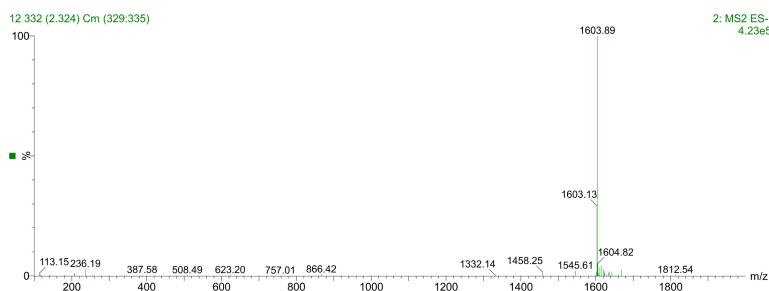
Pubchem CID: 156588324

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

	Specification	Result	Scan to Validate:
Compound Test:	Tirzepatide	Tirzepatide	
Quantity:	30mg	30.25mg	
Purity:	>98%	99.29%	



UPLC



MS

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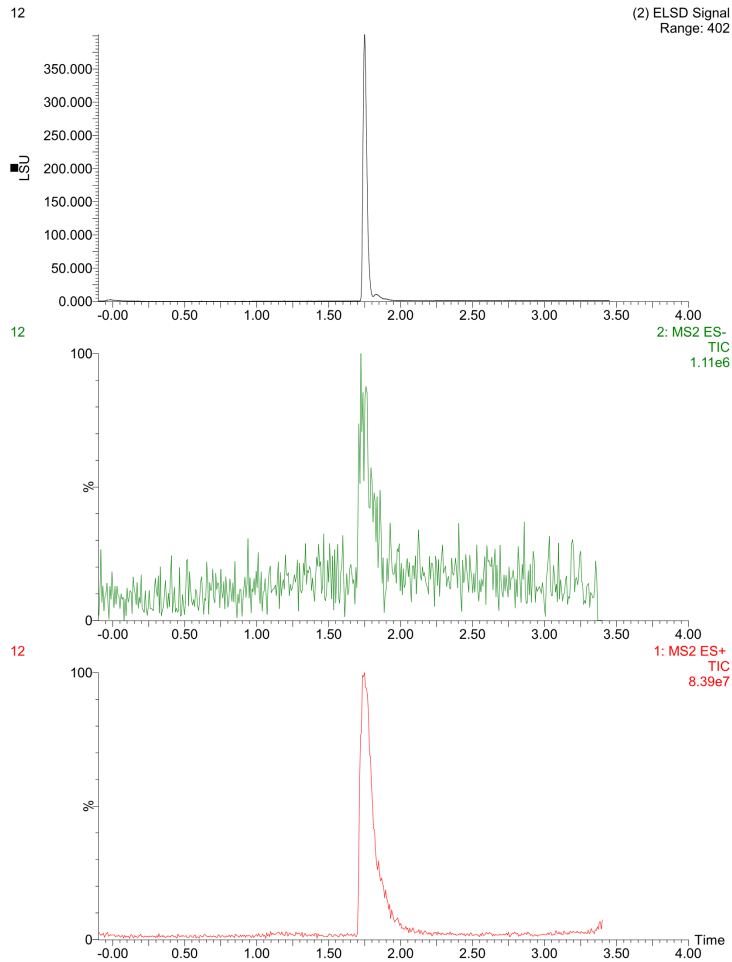


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

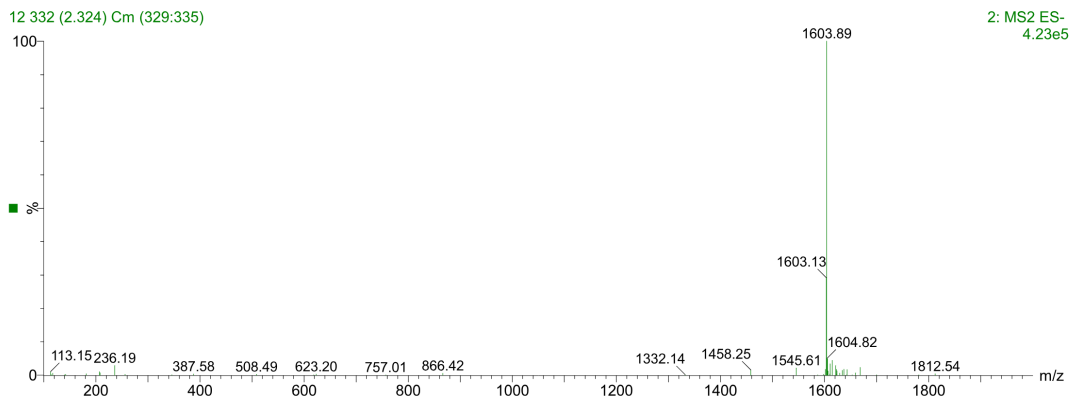
Lot Number: DPS-1957404
 Brand / Distributed by: Vitalis Lab
 Identity: Vitalis Lab

Analysis Date: 07/17/2026
 Searchable via: horizonanalytical.com

Tirzepatide (30mg) • Pubchem CID: 156588324
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **DPS-7384458**
 Brand / Distributed by: **Vitalis Lab**
 Identity: **Vitalis Lab**

Analysis Date: **07/24/2026**
 Searchable via: **horizonanalytical.com**

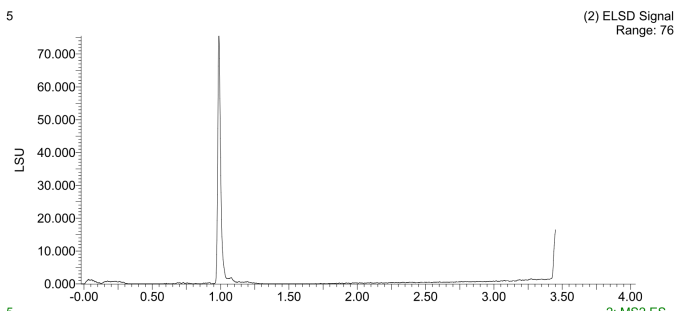
Compound:	GHK-Cu
Report Number:	1020366
Appearance:	Blue Lyophilized Powder

CAS:	89030-95-5
Formula:	C ₁₄ H ₂₃ CuN ₆ O ₄
Mol Weight:	~402.92 g/mol

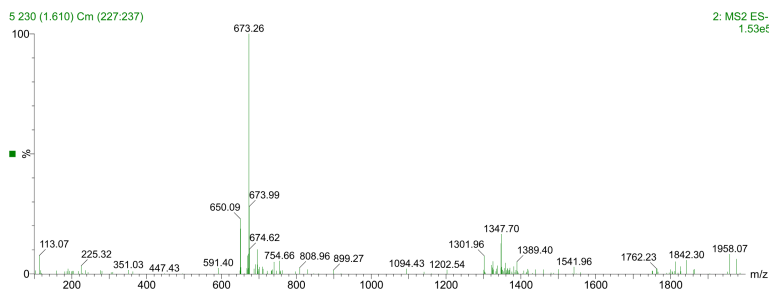
Pubchem CID: 71587328

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

	Specification	Result	Scan to Validate:
Compound Test:	GHK-Cu	GHK-Cu	
Quantity:	100mg	97.5mg	
Purity:	>98%	99.51%	



UPLC



MS

Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist

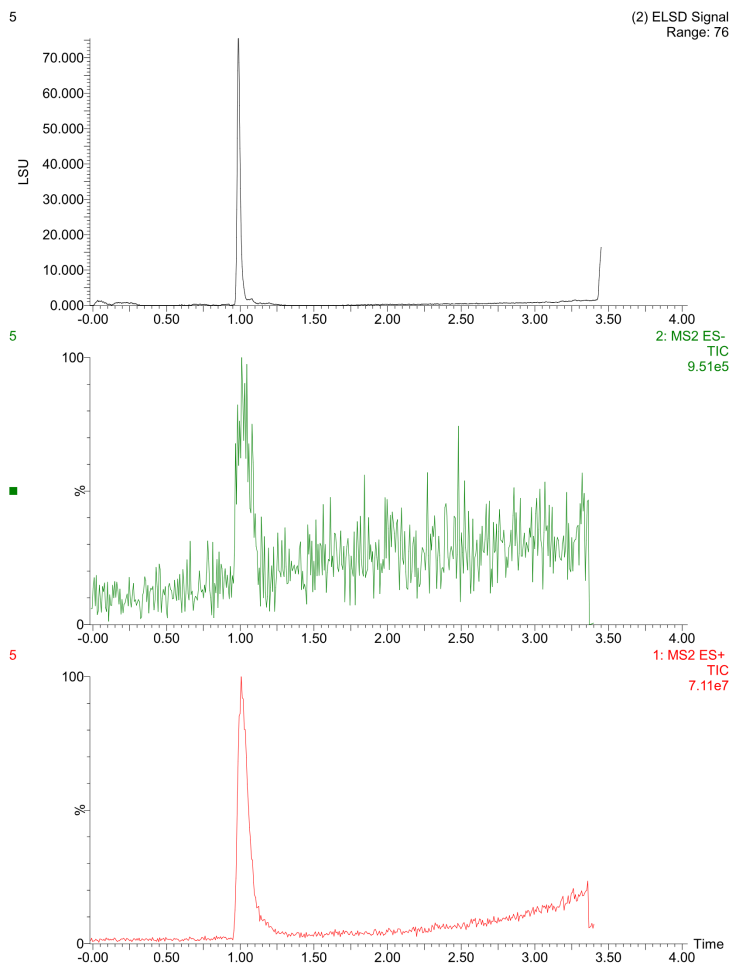


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

Lot Number: **DPS-7384458**
 Brand / Distributed by: **Vitalis Lab**
 Identity: **Vitalis Lab**

Analysis Date: **07/24/2026**
 Searchable via: **horizonanalytical.com**

GHK-Cu (100mg) • Pubchem CID: 71587328
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

