

CERTIFICATE OF ANALYSIS

Laboratory report summary

KLOW Blend

80 mg total / lyophilized vial

SOURCE & TRACEABILITY

Testing laboratory Horizon Analytical	Source supplier MSAmino
Source lot / batch MSA-2431473	Report date Aug 7, 2026

Content / purity report 1022250 · Lot MSA-2431473 · Aug 7, 2026

Endotoxin report 1022298 · Lot MSA-2431473 · Aug 7, 2026

COMPONENT BREAKDOWN

Compound	Specification	Measured content	Purity
GHK-Cu	50 mg	48.8 mg	99.56%
BPC-157	10 mg	9.85 mg	99.25%
TB-500	10 mg	9.85 mg	99.16%
KPV	10 mg	9.85 mg	99.21%

OTHER REPORTED RESULTS

Test method	UPLC/MS (report 1022250)
Appearance	Blue lyophilized powder (report 1022250)
Sum of measured components	78.35 mg (report 1022250)
Endotoxin	<0.05 EU/mL (report 1022298)

REPORT NOTES

Results apply to the identified tested sample. No sterility or heavy-metal test results reported. Identity field is N/A; named compound-test results are transcribed, not an independent identity certification. No overall blend-purity percentage reported; preserve separate component purities. The report does not state the specific endotoxin assay method. An endotoxin result is not a sterility test. No sterility or heavy-metal results are reported.

Results apply to the laboratory-tested sample identified above. This S7 summary reproduces attributed results; it does not add tests or certify safety.

[View original content / purity report 1022250 on S7 Sciences](#)

[View original endotoxin report 1022298 on S7 Sciences](#)

Owner confirms all current on-hand stock is from the latest supplier batches; packaging lot numbers were not independently read.

S7 summary - not a laboratory-issued certificate

Original laboratory reports follow. Research reference only.

Not for human or veterinary use.

Lot Number: **MSA-2431473**
 Brand / Distributed by: **Ms. Amino**
 Identity: **N/A**

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

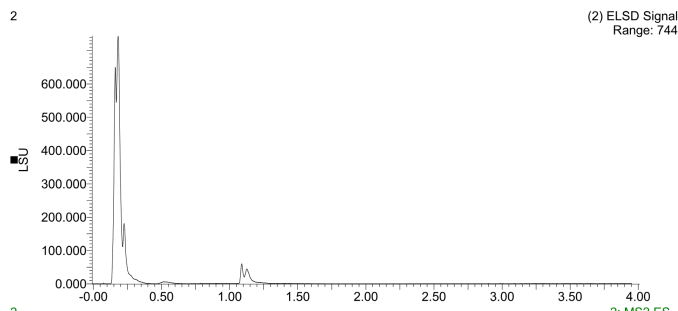
Compound:	BPC-157
Report Number:	1022250
Appearance:	Blue Lyophilized Powder

CAS:	137525-51-0
Formula:	C ₆₂ H ₉₈ N ₁₆ O ₂₂
Mol Weight:	~1419.5 g/mol

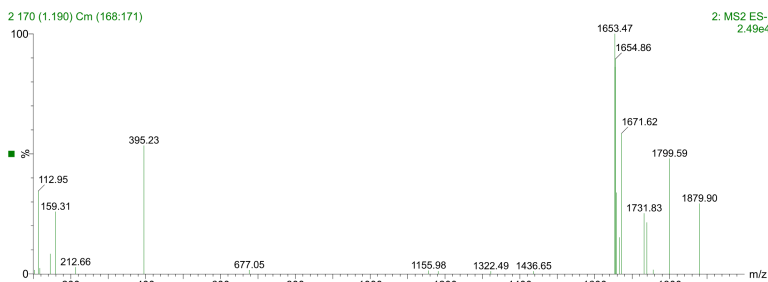
Pubchem CID: 108101

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

	Specification	Result	Scan to Validate:
Compound Test:	BPC-157	BPC-157	
Quantity:	10mg	9.85mg	
Purity:	≥ 98%	99.25%	



UPLC



MS

Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist

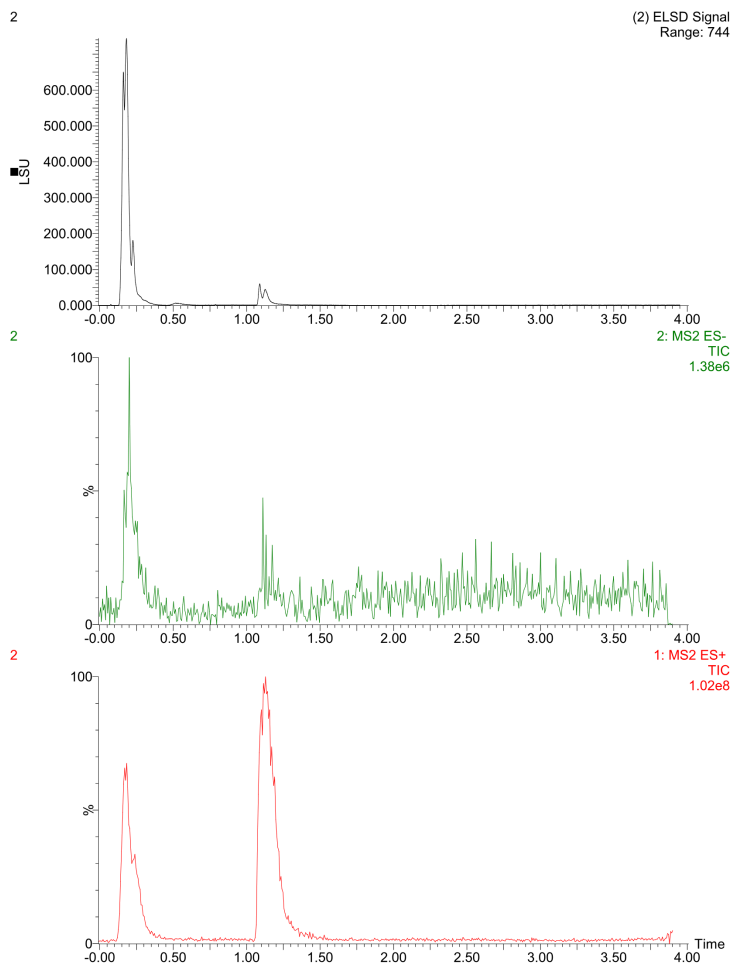


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

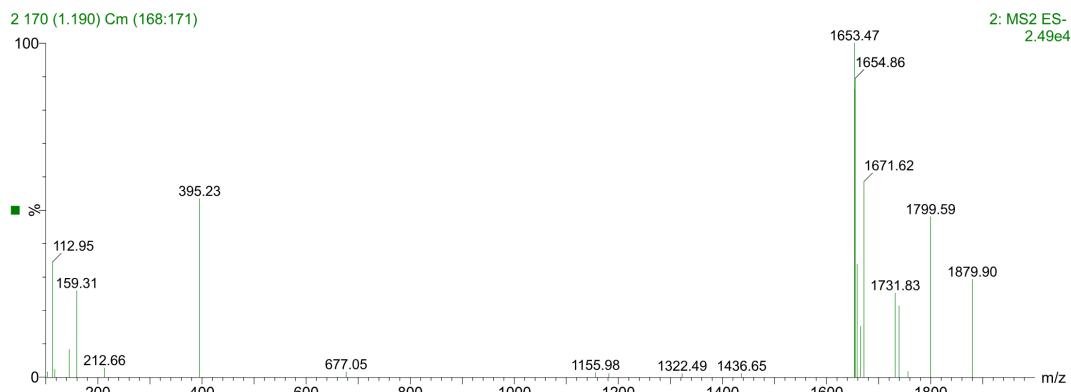
Lot Number: **MSA-2431473**
 Brand / Distributed by: **Ms. Amino**
 Identity: **N/A**

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

BPC-157 (10mg) • Pubchem CID: 108101
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **MSA-2431473**
 Brand / Distributed by: **Ms. Amino**
 Identity: **N/A**

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

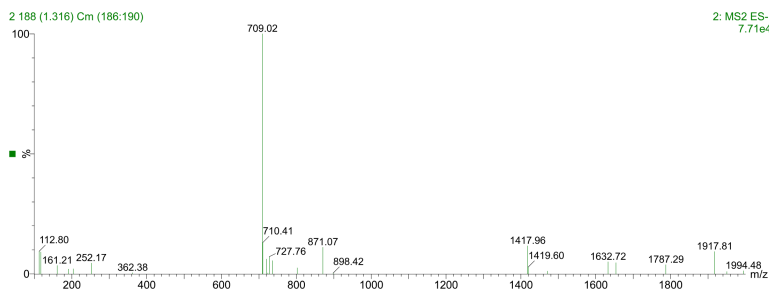
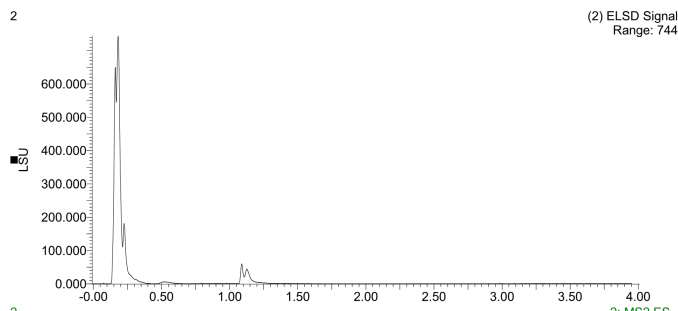
Compound:	TB-500
Report Number:	1022250
Appearance:	Blue Lyophilized Powder

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	9.85mg	
Purity:	≥ 98%	99.16%	



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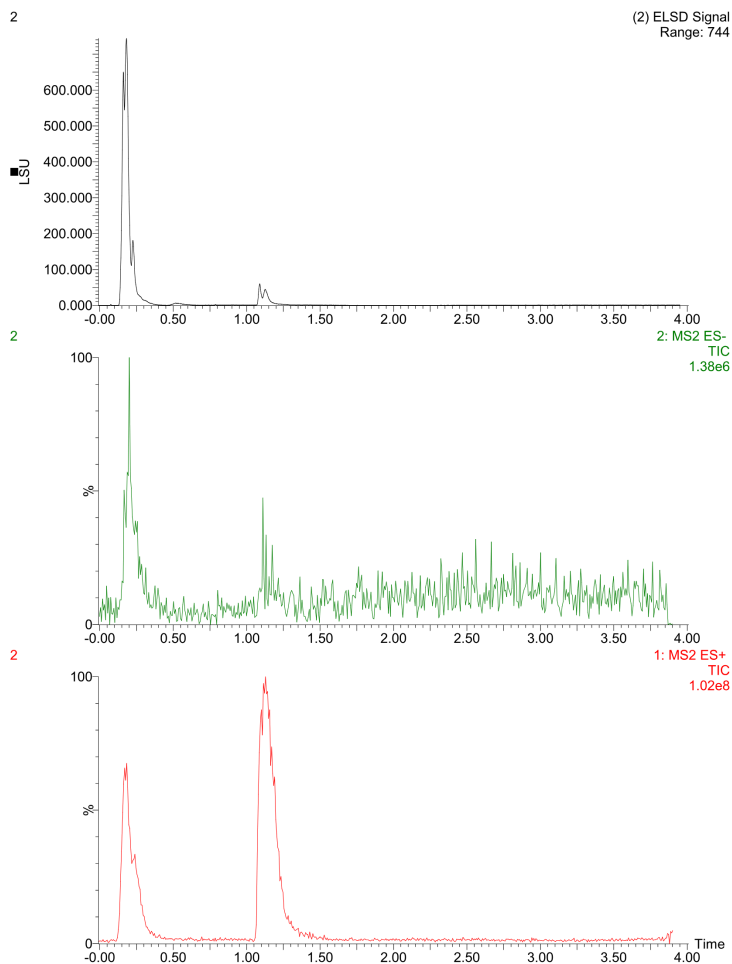


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

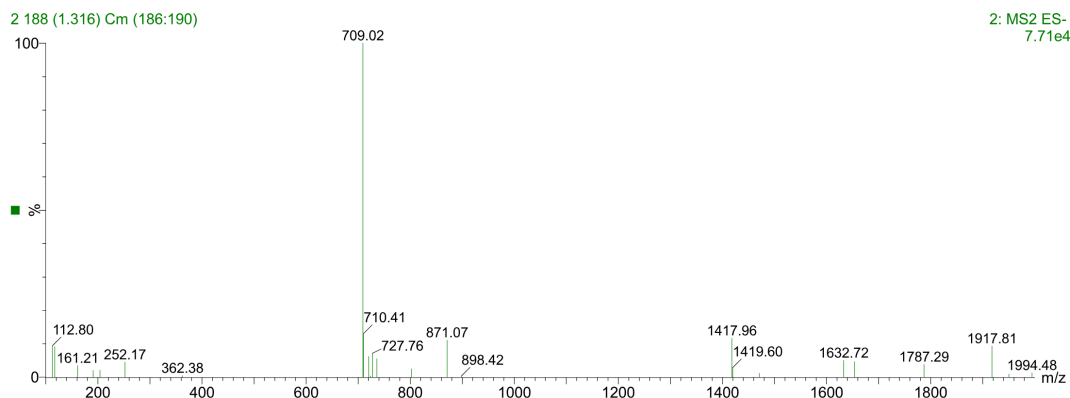
Lot Number: **MSA-2431473**
 Brand / Distributed by: **Ms. Amino**
 Identity: **N/A**

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

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



Mass Spectrometry (MS)



Lot Number: **MSA-2431473**
 Brand / Distributed by: **Ms. Amino**
 Identity: **N/A**

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

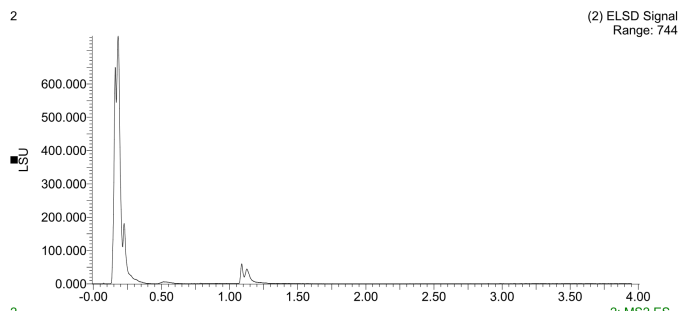
Compound:	GHK-Cu
Report Number:	1022250
Appearance:	Blue Lyophilized Powder

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

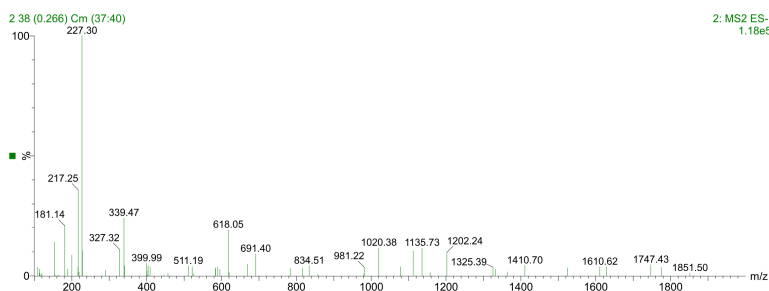
Pubchem CID: 71587328

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:	50mg	48.8mg	
Purity:	≥98%	99.56%	



UPLC



MS

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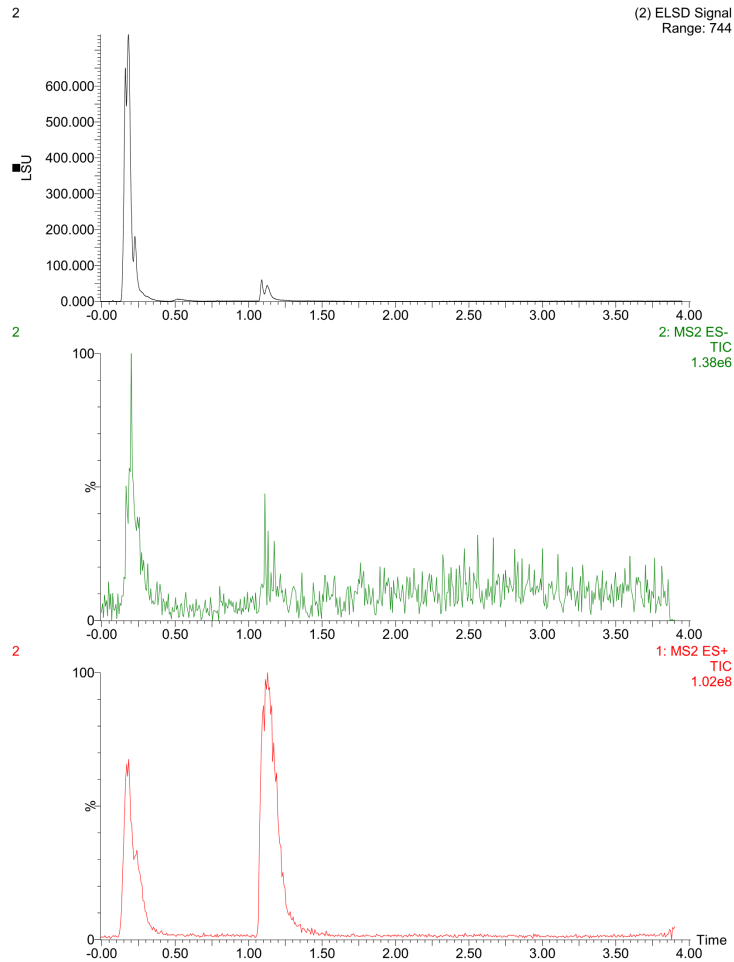


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

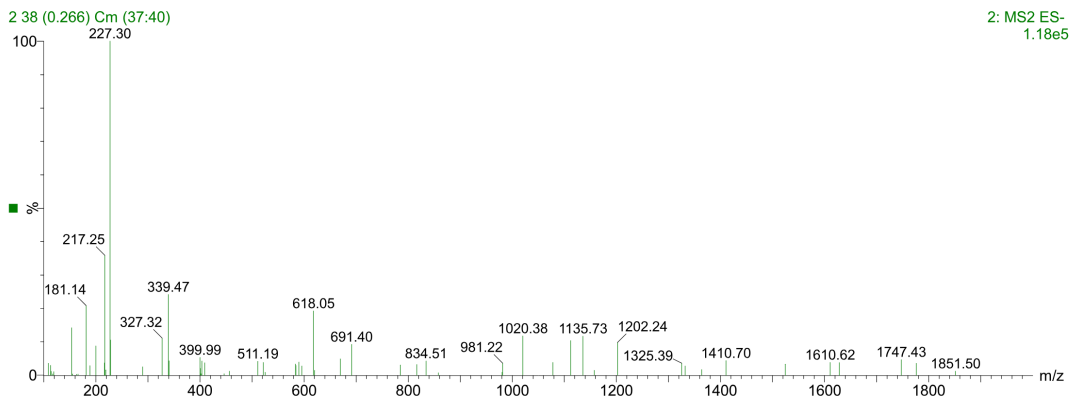
Lot Number: **MSA-2431473**
 Brand / Distributed by: **Ms. Amino**
 Identity: **N/A**

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

GHK-Cu (50mg) • Pubchem CID: 71587328
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **MSA-2431473**
 Brand / Distributed by: **Ms. Amino**
 Identity: **N/A**

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

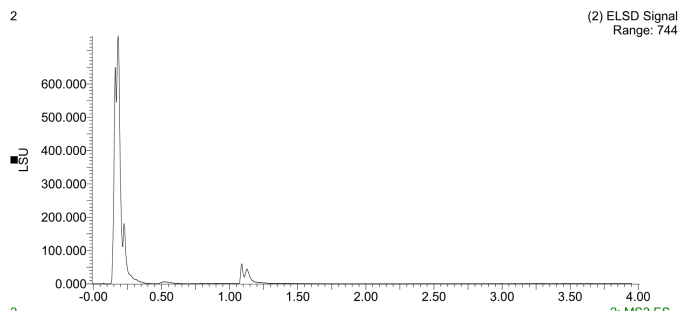
Compound:	KPV
Report Number:	1022250
Appearance:	Blue Lyophilized Powder

CAS:	112965-21-6
Formula:	C ₁₇ H ₃₂ N ₆ O ₄
Mol Weight:	~384.48 g/mol

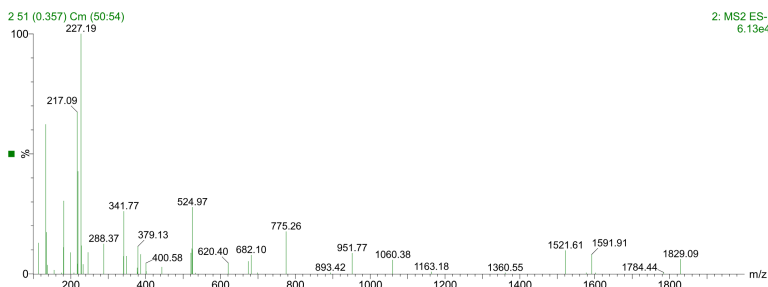
Pubchem CID: 9929972

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

	Specification	Result	Scan to Validate:
Compound Test:	KPV	KPV	
Quantity:	10mg	9.85mg	
Purity:	≥ 98%	99.21%	



UPLC



MS

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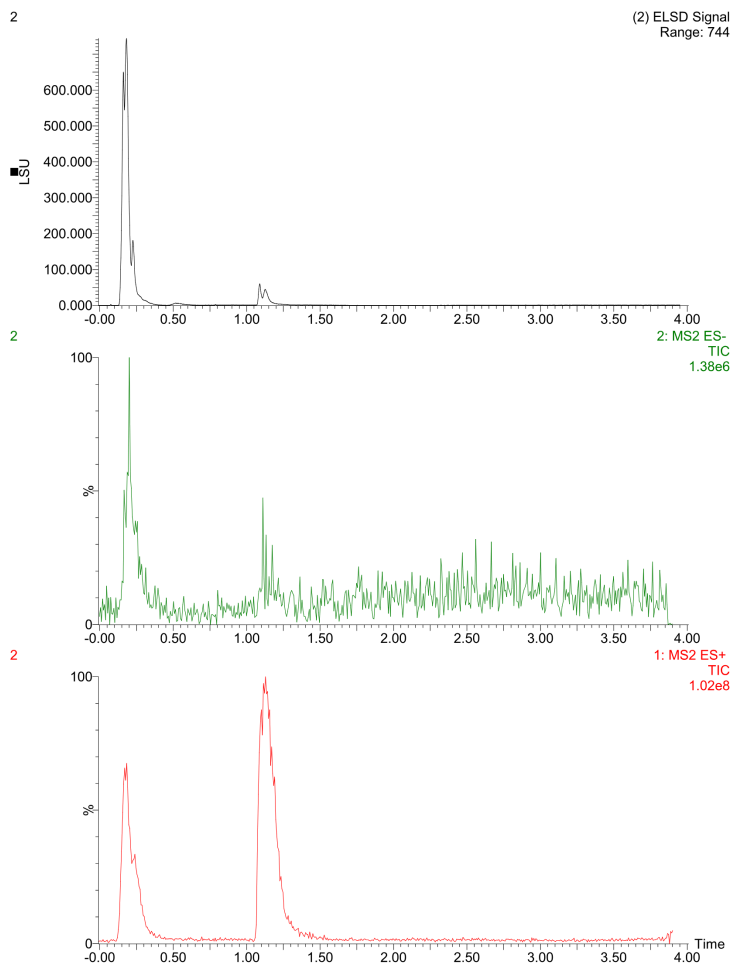


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

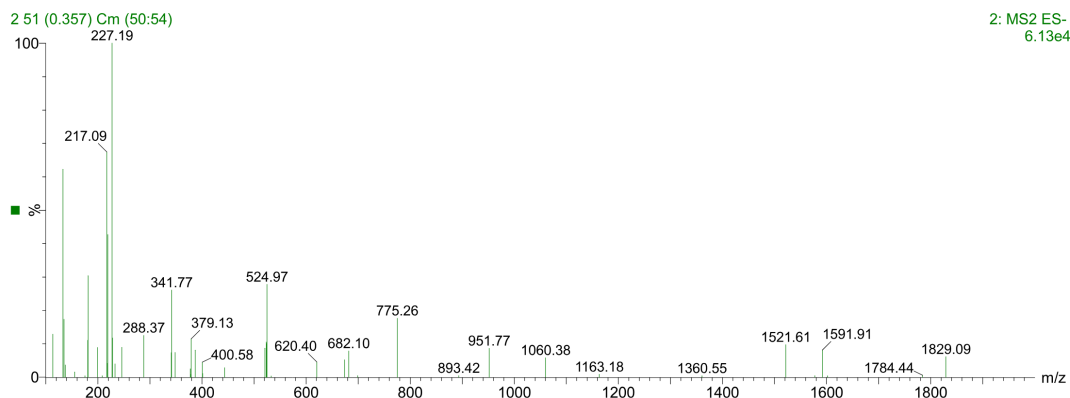
Lot Number: **MSA-2431473**
 Brand / Distributed by: **Ms. Amino**
 Identity: **N/A**

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

KPV (10mg) • Pubchem CID: 9929972
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: [MSA-2431473](#)
Brand / Distributed by: [Ms. Amino](#)
Identity: [N/A](#)

Analysis Date: [08/07/2026](#)
Searchable via: horizonanalytical.com

Compound:	KLOW
Report Number:	1022298
Appearance:	-

CAS:	BPC-157, TB-500, GHK-Cu, KPV
Formula:	N/A
Mol Weight:	N/A

Pubchem CID: N/A

Endotoxin Test

	Specification	Result	Scan to Validate:
Compound Test:	KLOW	Pass	
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.com

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