vanguard analytical

Certificate of Analysis

Lot Number: LD09252026-6
Client Name: Kova Wholesale
Identity: -

Received Date: 9/25/2026
Analysis Conducted: 9/26/2026

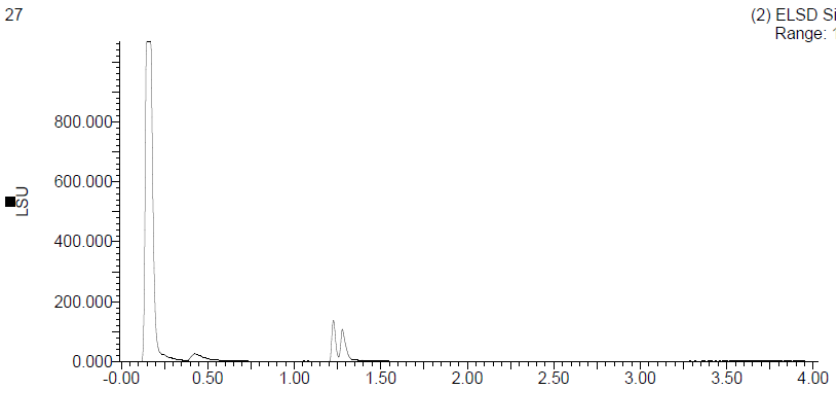
Compound:	GHK-Cu
Lot:	LD09252026-6
Appearance:	Blue Lyophilized Powder

CAS:	89030-95-5
Formula:	$C_{14}H_{23}CuN_6O_4$
Mol Weight:	~402.92 g/mol

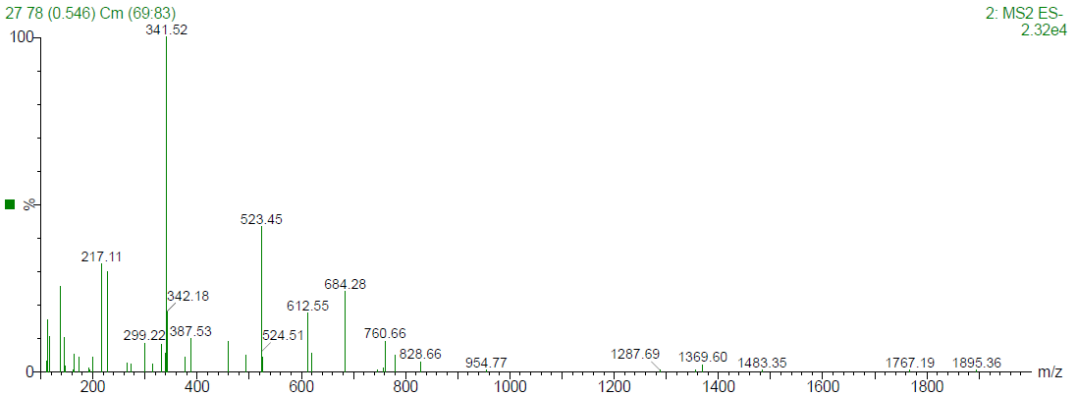
PubChem CID: 71587328

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

	Specifications	Result	Scan to Validate
Compound Test:	GHK-Cu	GHK-Cu	
Quantity:	50mg	50.6mg	
Purity:	>98%	99.61%	



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.

vanguard analytical

Certificate of Analysis

Lot Number: LD09252026-6
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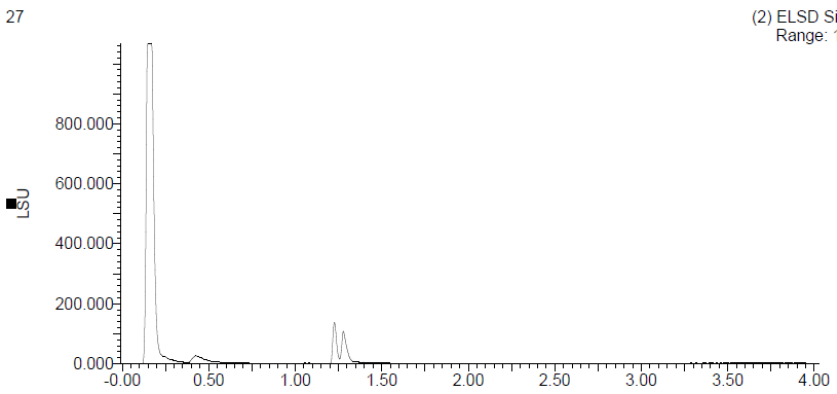
Compound:	TB-500
Lot:	LD09252026-6
Appearance:	Blue Lyophilized Powder

CAS:	77591-33-4
Formula:	$C_{212}H_{350}N_{56}O_{78}S$
Mol Weight:	~4963 g/mol

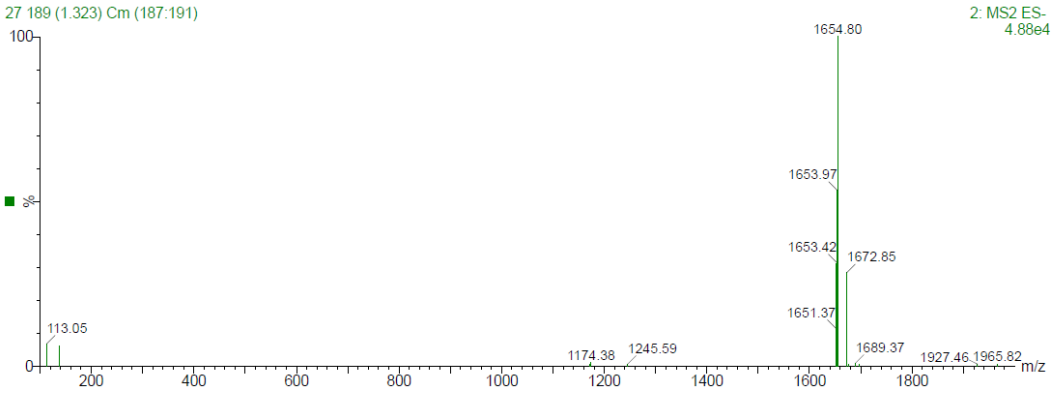
PubChem CID: 16132341

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

	Specifications	Result	Scan to Validate
Compound Test:	TB-500	TB-500	
Quantity:	10mg	9.92mg	
Purity:	>98%	99.31%	



UPLC



MS

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Research and Formulation Chemist

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vanguard analytical

Certificate of Analysis

Lot Number: LD09252026-6
Client Name: Kova Wholesale
Identity: -

Received Date: 9/25/2026
Analysis Conducted: 9/27/2026

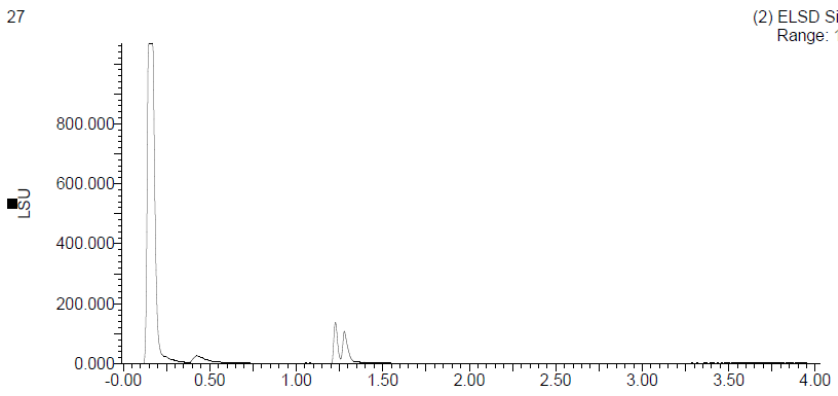
Compound:	KPV
Lot:	LD09252026-6
Appearance:	Blue Lyophilized Powder

CAS:	112965-21-6
Formula:	$C_{17}H_{32}N_6O_4$
Mol Weight:	~384.48 g/mol

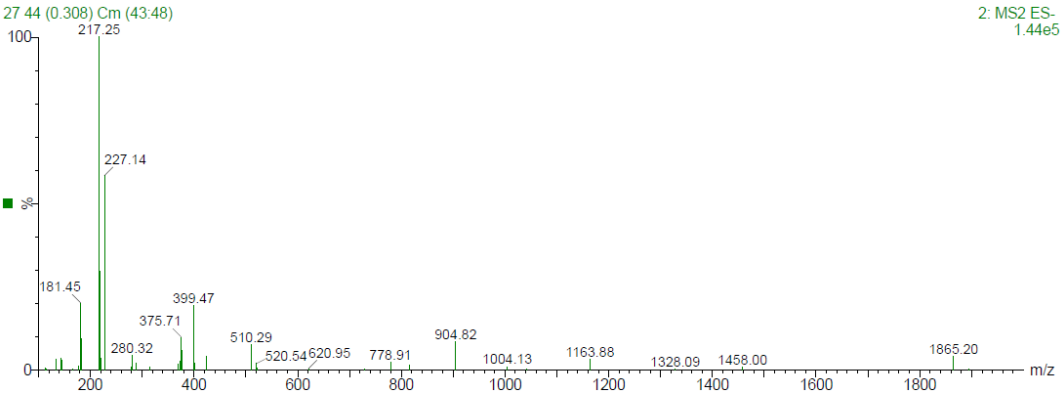
PubChem CID: 9929972

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

	Specifications	Result	Scan to Validate
Compound Test:	KPV	KPV	
Quantity:	10mg	9.92mg	
Purity:	>98%	99.38%	



UPLC



MS

Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

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vanguard analytical

Certificate of Analysis

Lot Number: LD09252026-6
Client Name: Kova Wholesale
Identity: -

Received Date: 9/25/2026
Analysis Conducted: 9/27/2026

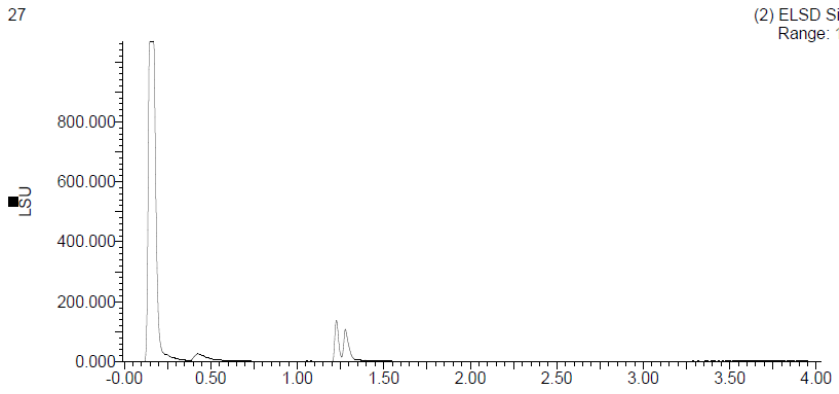
Compound:	BPC-157
Lot:	LD09252026-6
Appearance:	Blue Lyophilized Powder

CAS:	137525-51-0
Formula:	$C_{62}H_{98}N_{16}O_{22}$
Mol Weight:	~1419.5 g/mol

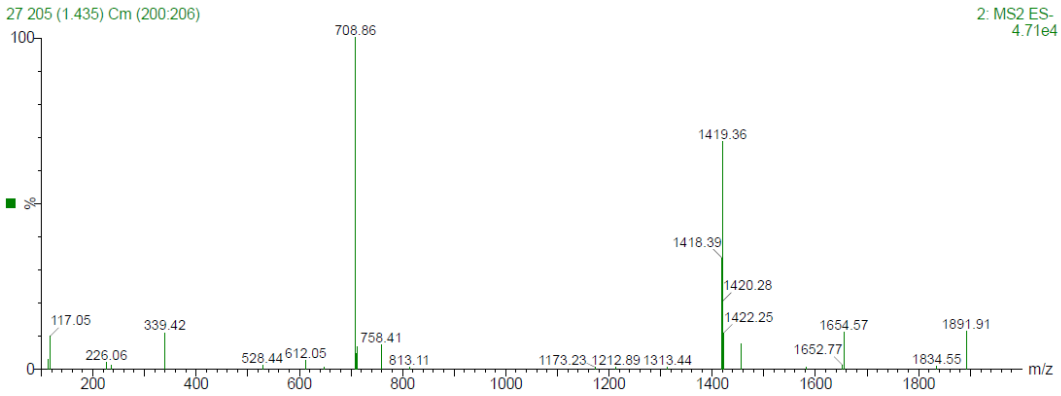
PubChem CID: 108101

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

	Specifications	Result	Scan to Validate
Compound Test:	BPC-157	BPC-157	
Quantity:	10mg	9.92mg	
Purity:	>98%	99.44%	



UPLC



MS

Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

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