BioRegen
Independent Testing, Trusted Results

Certificate of Analysis
#11206 | **BLUUMPEP0**

Client: Bluum Peptides
info@bluumpeptides.com

Sample received: **10/17/25**
Analysis conducted: **10/24/25**

Compound:	BPC-157	CAS:	137525-51-0
Batch/Lot #:	942591	Formula:	C62H98N16O22
Appearance:	Blue lyophilized powder	Mol Wt:	1419.5 g/mol

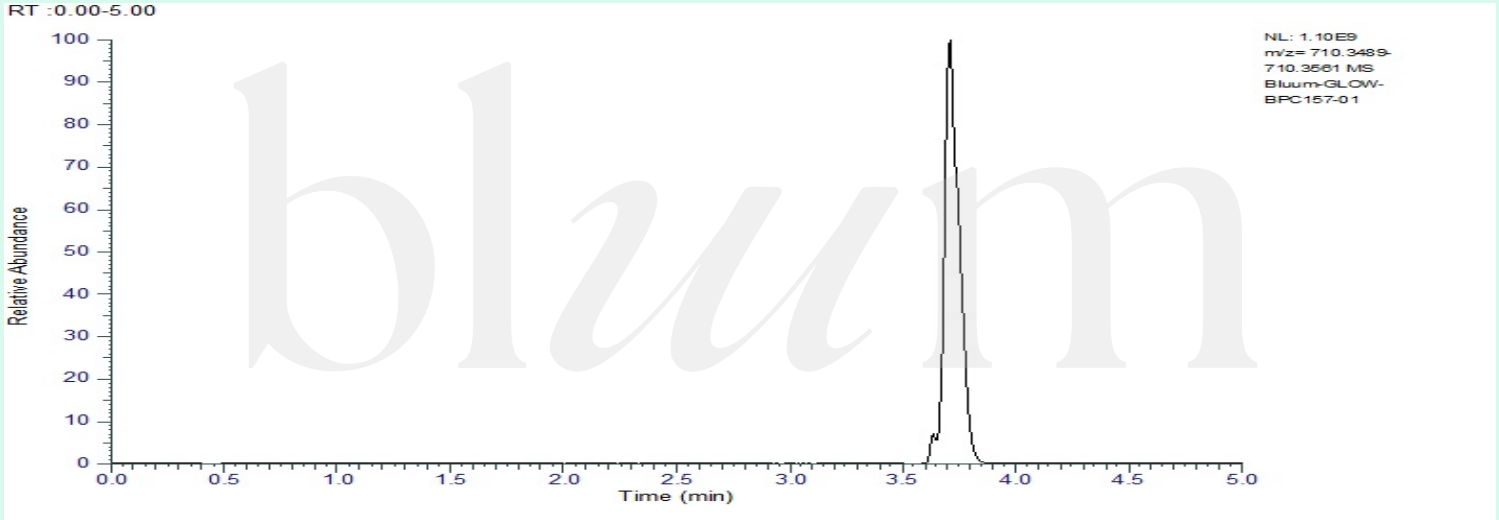
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 9941957

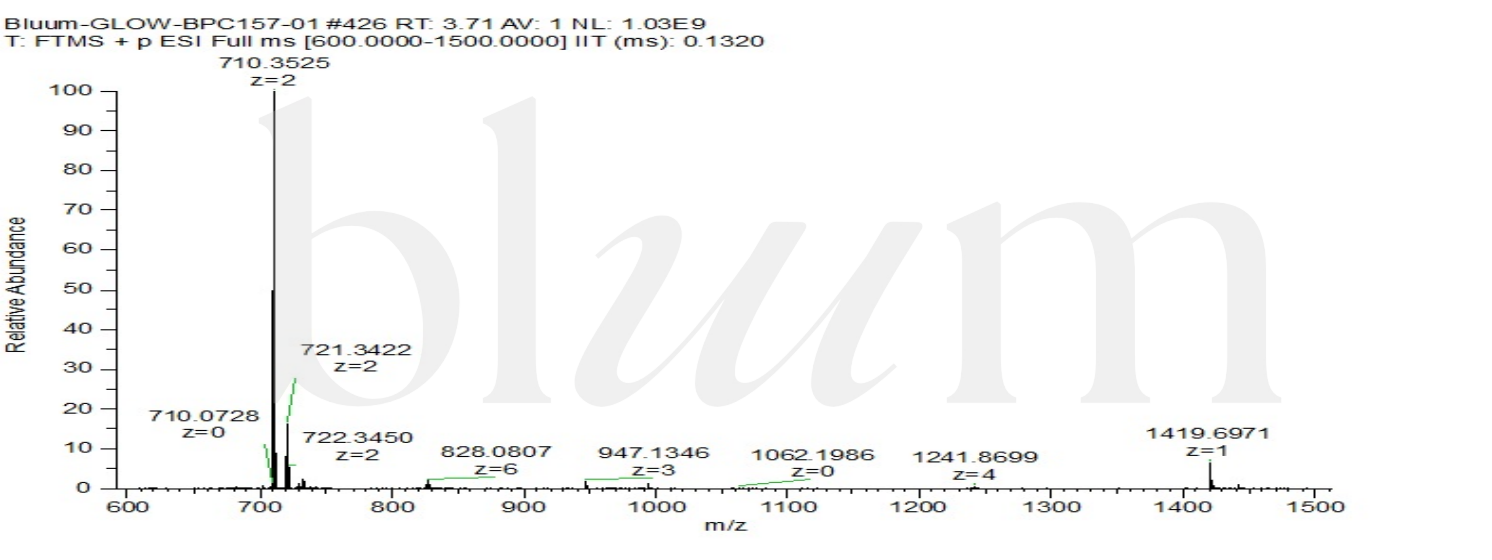
BPC 157 | C62H98N16O22 | CID 9941957 - PubChem

	Specification	Result	
Identity Test:	BPC 157	**BPC 157**	**Conforms**
Quantity:	10 mg ± 15%	9.8 mg	**Conforms**
Purity:	>99%	**99.78%**	**Conforms**

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis



Analysis Performed by
Dr. Roberto Marin
Analytical Chemist
contact@bioregen.com

COA **#11206**
Security Key **BLUUMPEP0**
bioregen.com/verify

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Client: Bluum Peptides
info@bluumpeptides.com

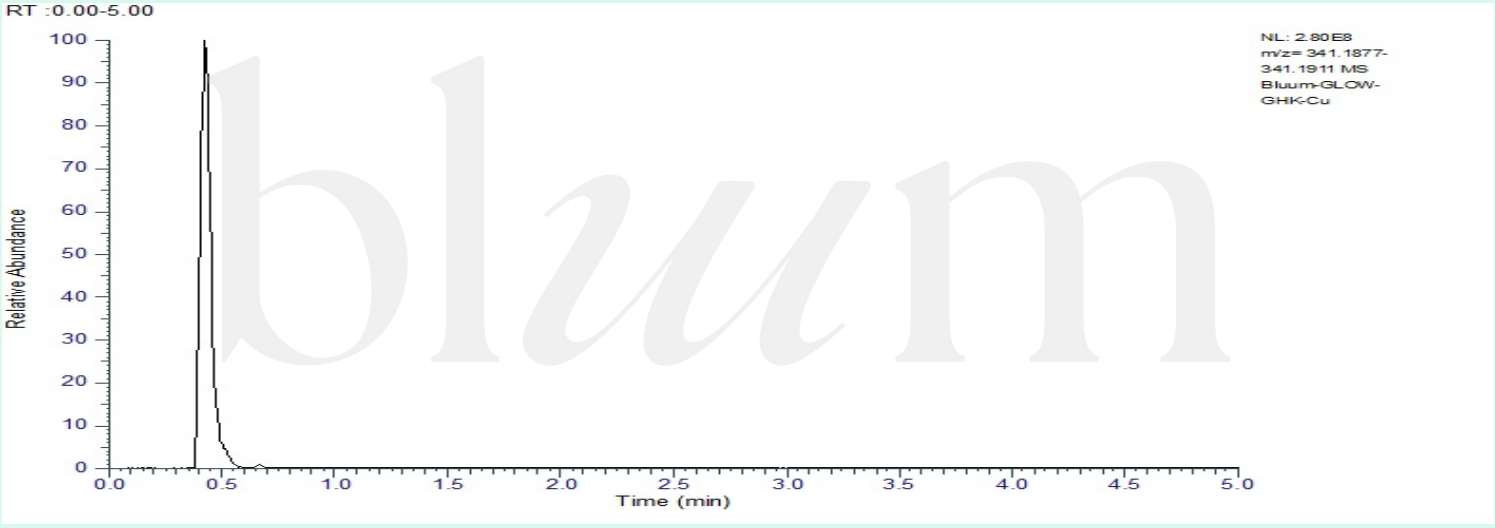
Sample received: **10/17/25**
Analysis conducted: **10/24/25**

Compound:	GHK-Cu	CAS:	49557-75-7
Batch/Lot #:	942591	Formula:	C14H24N6O4
Appearance:	Blue lyophilized powder	Mol Wt:	340.38 g/mol

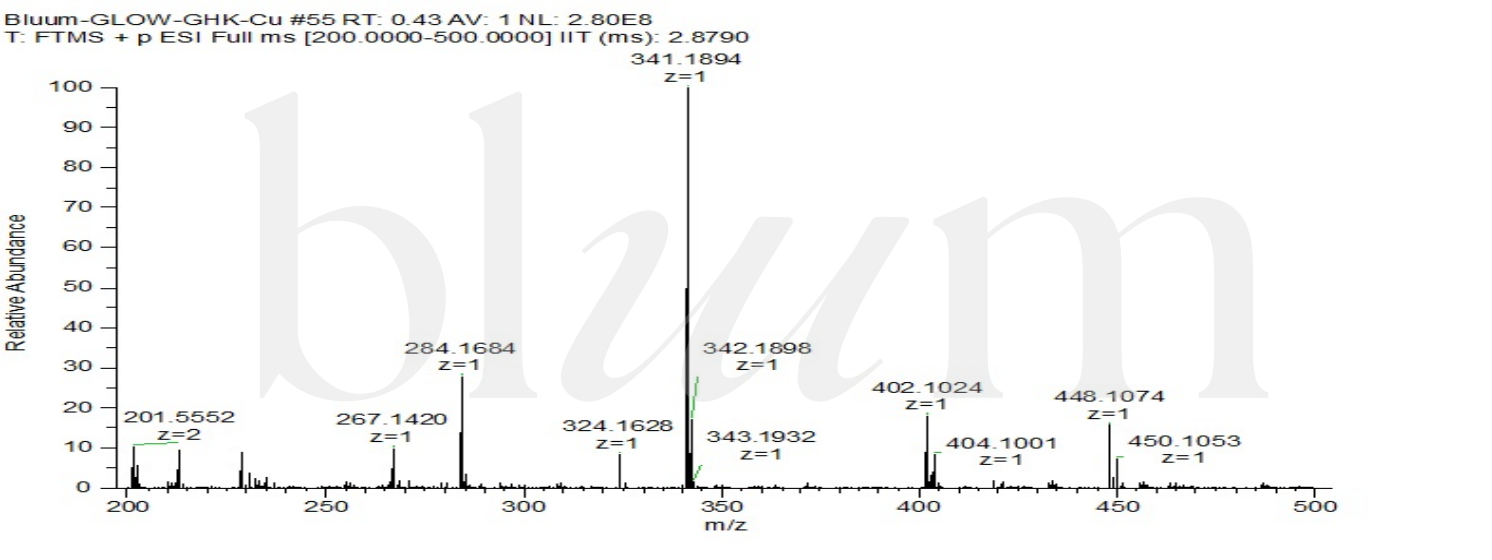
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry
Pubchem CID: 73587
GHK-Cu | C14H24N6O4 | CID 73587

	Specification	Result	
Identity Test:	GHK-Cu	**GHK-Cu**	**Conforms**
Quantity:	50 mg ± 15%	47.9 mg	**Conforms**
Purity:	>99%	**99.54%**	**Conforms**

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis



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Client: Bluum Peptides
info@bluumpeptides.com

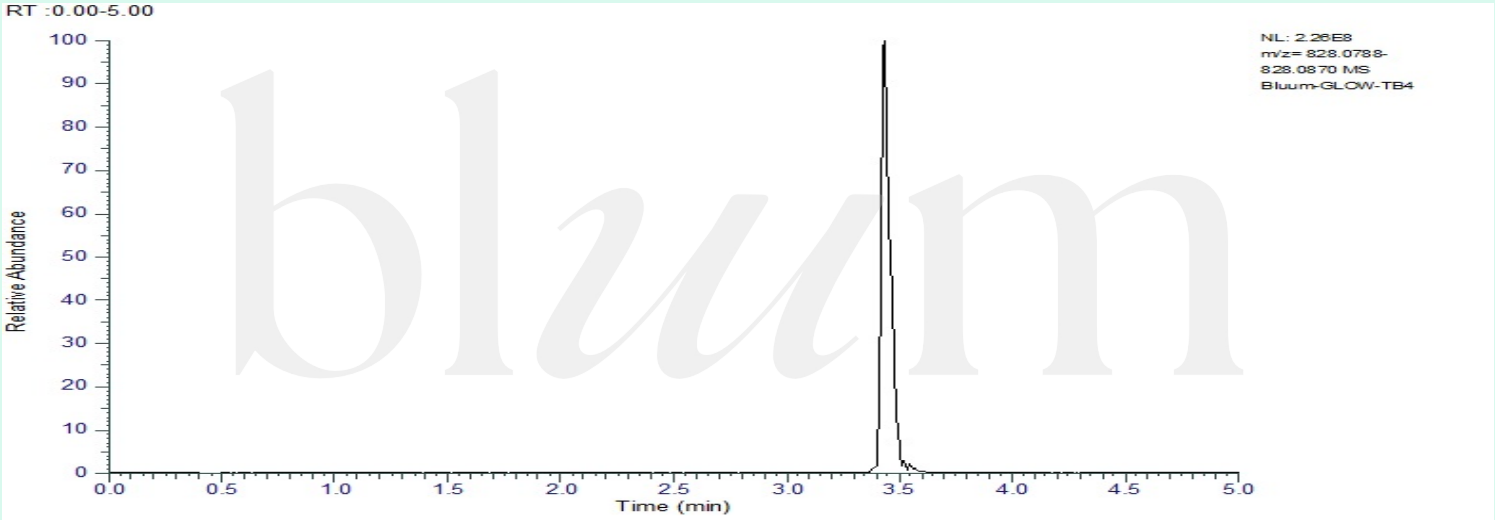
Sample received: **10/17/25**
Analysis conducted: **10/24/25**

Compound:	Thymosin Beta 4	CAS:	77591-33-4
Batch/Lot #:	942591	Formula:	C212H350N56O78S
Appearance:	Blue lyophilized powder	Mol Wt:	4963.0 g/mol

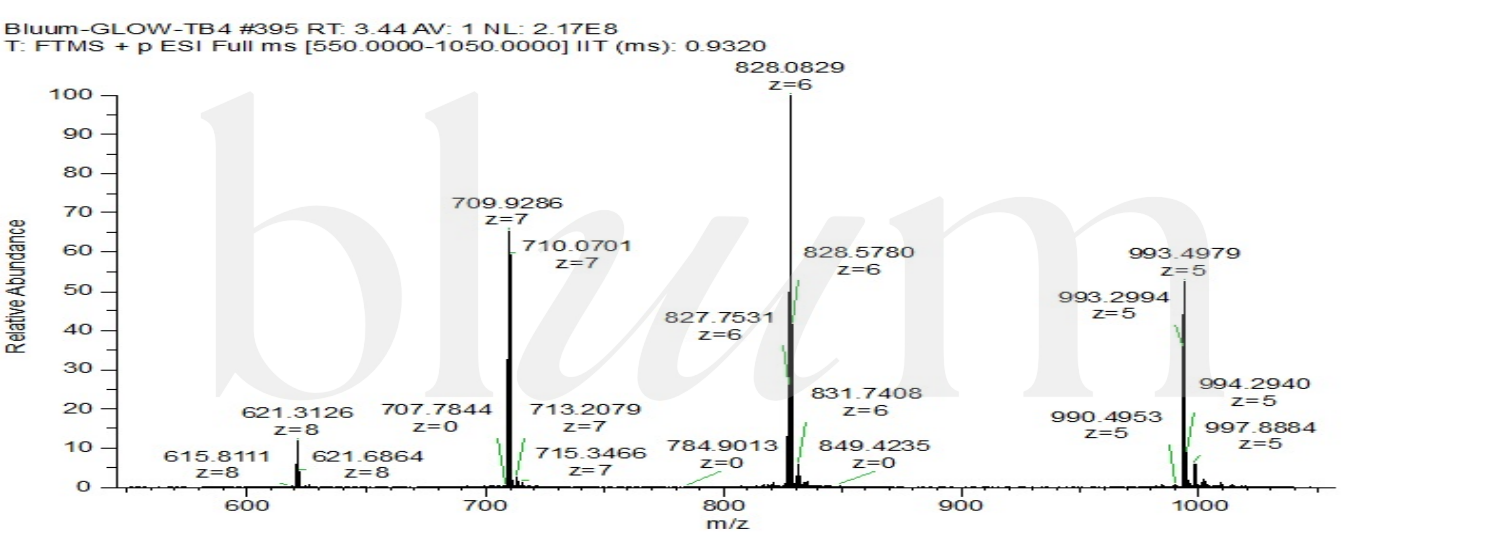
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry
Pubchem CID: 45382195
TB-4| C212H350N56O78S | CID 45382195

	Specification	Result	
Identity Test:	Thymosin Beta 4	**Thymosin Beta 4**	**Conforms**
Quantity:	10 mg ± 15%	11.3 mg	**Conforms**
Purity:	>99%	**99.89%**	**Conforms**

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis



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