BioRegen
Independent Testing, Trusted Results

Certificate of Analysis

#10157 | PUREHEALTH

Client: Pure Health Peptides
info@purehealthpeptides.com
www.purehealthpeptides.com

Sample received: **03/18/2025**
Analysis conducted: **03/25/2025**

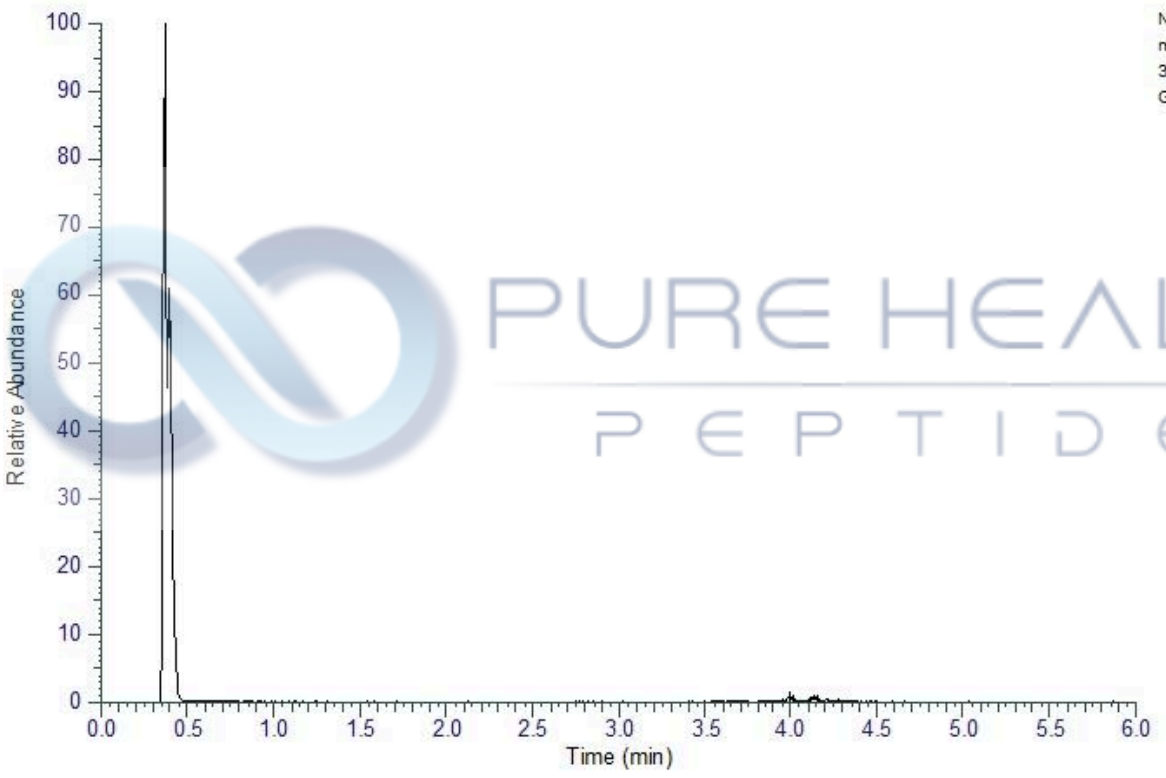
GHK-Cu (Copper), BPC-157, TB-500 (TB-4), Thymosin Alpha 1 Blend

Compound:	GHK-Cu (Copper)	**CAS:**	89030-95-5
Batch/Lot #:	TUY-031425	**Formula:**	C14H22N6O4Cu
Appearance:	Blue lyophilized powder	**Mol Wt:**	340.38 g/mol

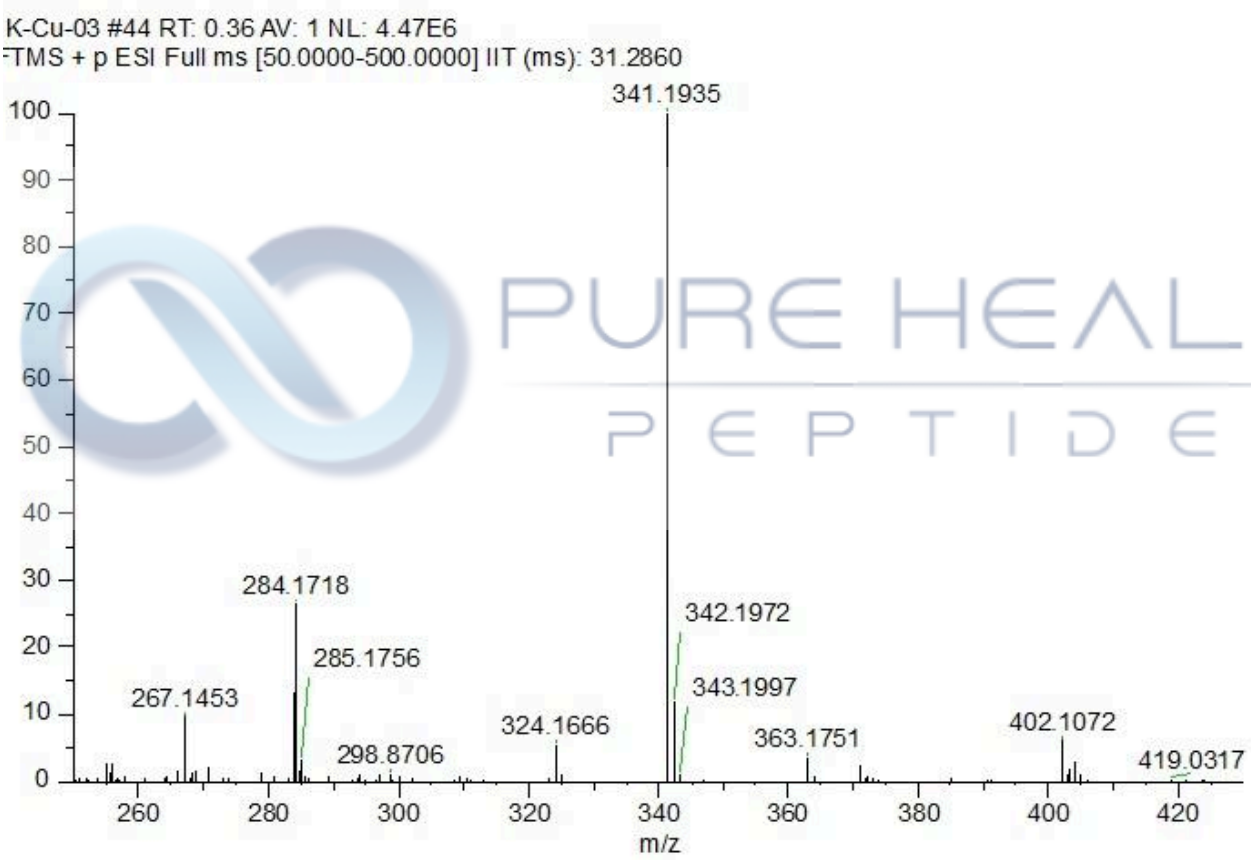
Method: Qualitative and Quantitative chemical analysis by LC-MS with UV detection
Pubchem CID: 73587
Prezatide | C14H24N6O4 | CID 73587 - PubChem

	Specification	Result	
Identity Test:	GHK-Cu	**GHK-Cu**	**Conforms**
Purity:	>98%	**99.72%**	**Conforms**

GHK-Cu LC-MS Chromatogram: Retention Time and Peak Analysis



GHK-Cu Mass Spectrometry (MS) Analysis: Full Scan Spectrum



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

Roberto Marin

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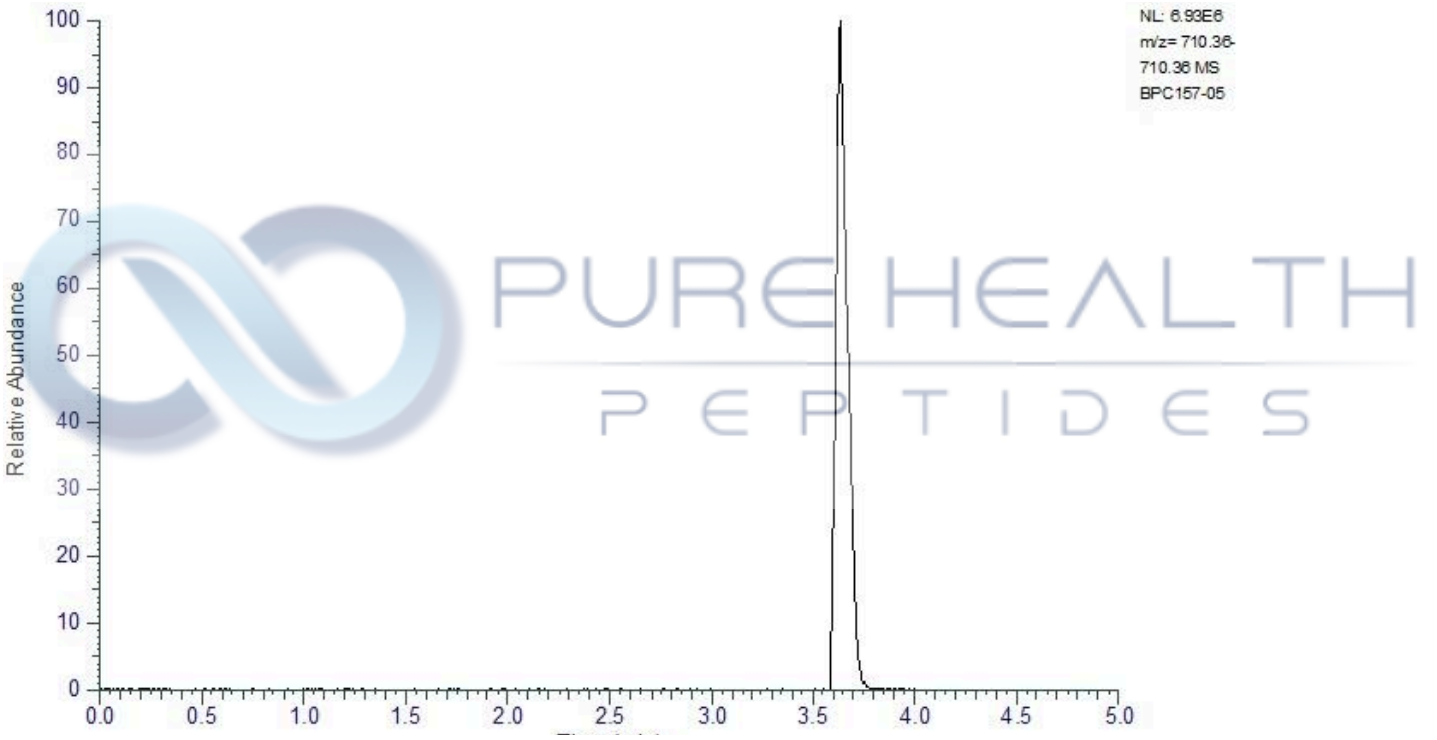
GHK-Cu (Copper), BPC-157, TB-500 (TB-4), Thymosin Alpha 1 Blend

Compound:	BPC-157	**CAS:**	137525-51-0
Batch/Lot #:	TUY-031425	**Formula:**	C62H98N16O22
Appearance:	Blue lyophilized powder	**Mol Wt:**	1419.5 g/mol

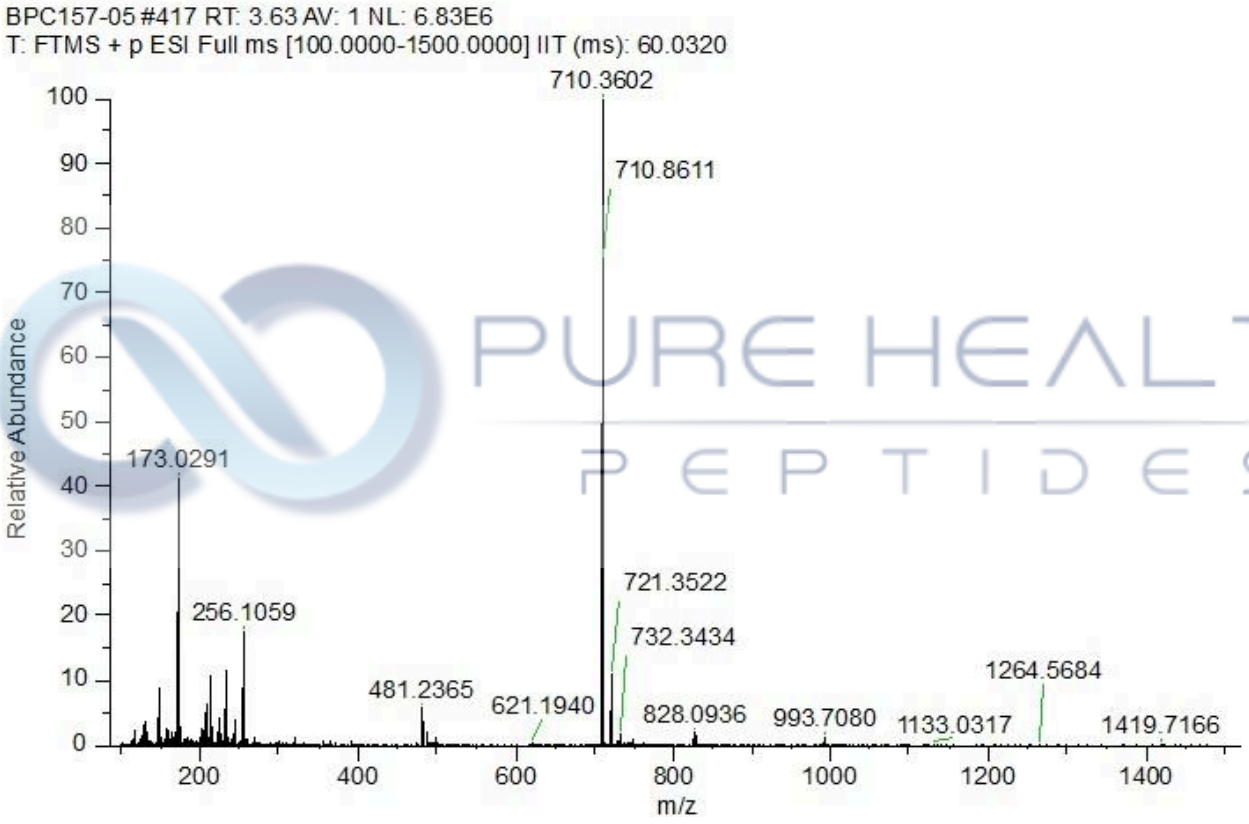
Method: Qualitative and Quantitative chemical analysis by LC-MS with UV detection
Pubchem CID: 9941957
BPC157 | C62H98N16O22 | CID 9941957 - PubChem

	Specification	Result	
Identity Test:	BPC-157	**BPC-157**	**Conforms**
Purity:	>98%	**99.91%**	**Conforms**

BPC-157 LC-MS Chromatogram: Retention Time and Peak Analysis



BPC-157 Mass Spectrometry (MS) Analysis: Full Scan Spectrum



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Analysis conducted: **03/25/2025**

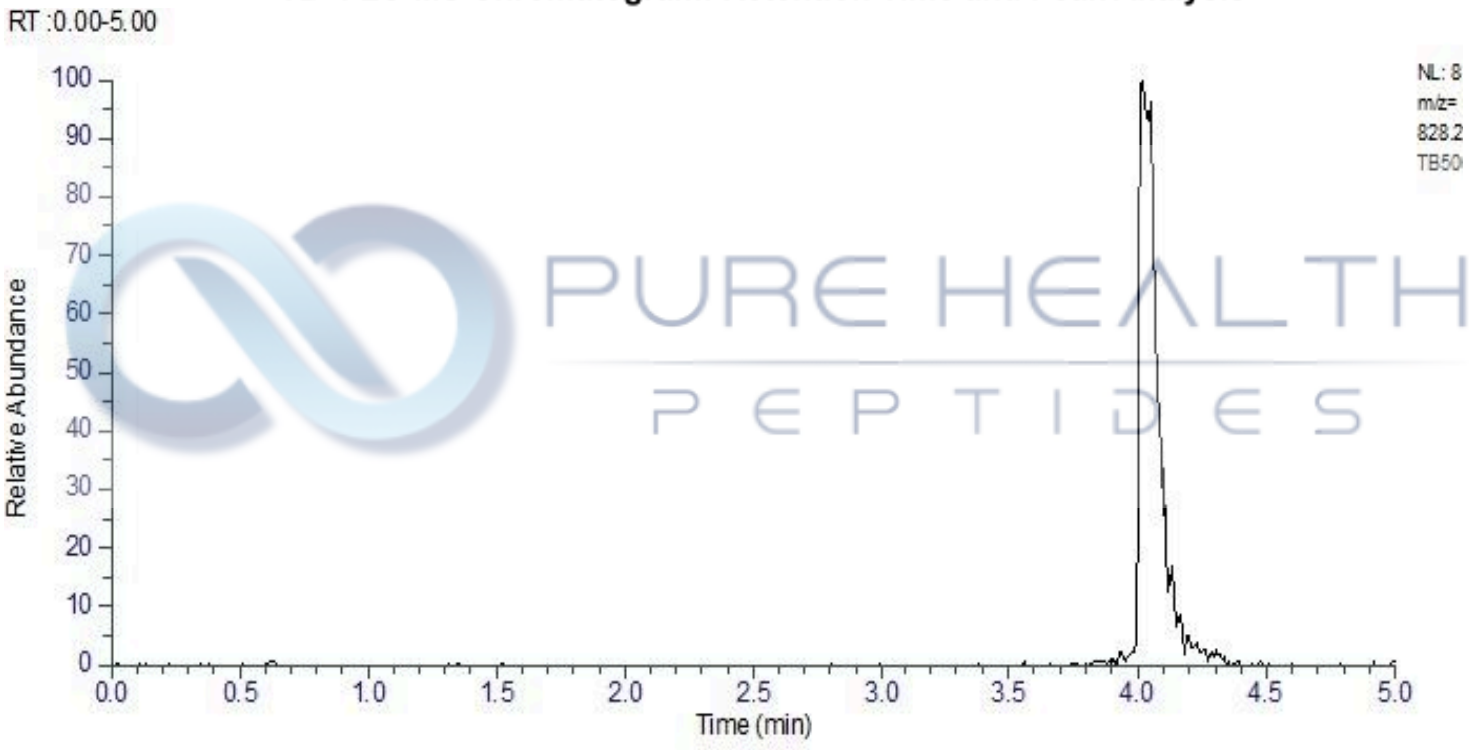
GHK-Cu (Copper), BPC-157, TB-500, Thymosin Alpha 1 Blend

Compound:	TB500 (Thymosin beta-4)	**CAS:**	77591-33-4
Batch/Lot #:	TUY-031425	**Formula:**	C212H350N56O78S
Appearance:	Blue lyophilized powder	**Mol Wt:**	4963.49 g/mol

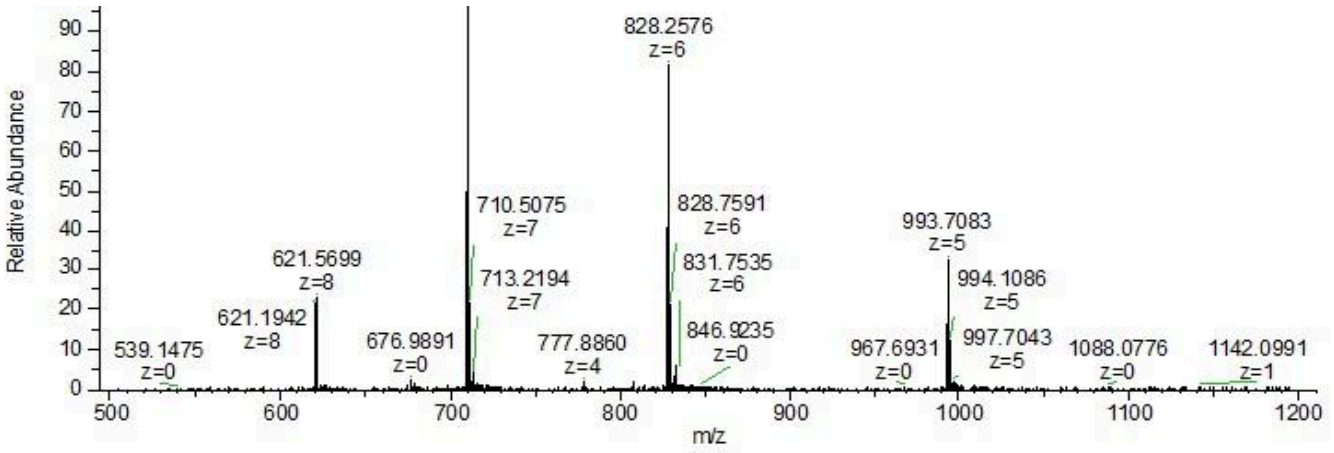
Method: Qualitative and Quantitative chemical analysis by LC-MS with UV detection
Pubchem CID: 16132341
Thymosin beta4 | C212H350N56O78S | CID 16132341 - PubChem

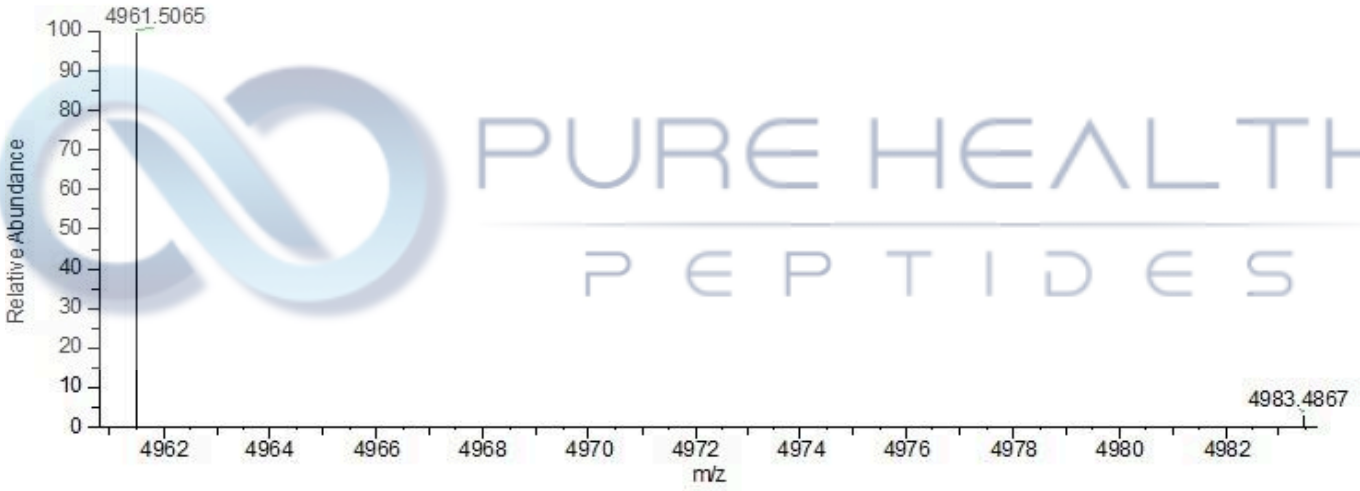
	Specification	Result	
Identity Test:	TB500 (TB-4)	**TB500 (TB-4)**	**Conforms**
Purity:	>98%	**99.90%**	**Conforms**

TB-4 LC-MS Chromatogram: Retention Time and Peak Analysis



TB-4 Mass Spectrometry (MS) Analysis: Full Scan Spectrum





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Analysis conducted: **03/25/2025**

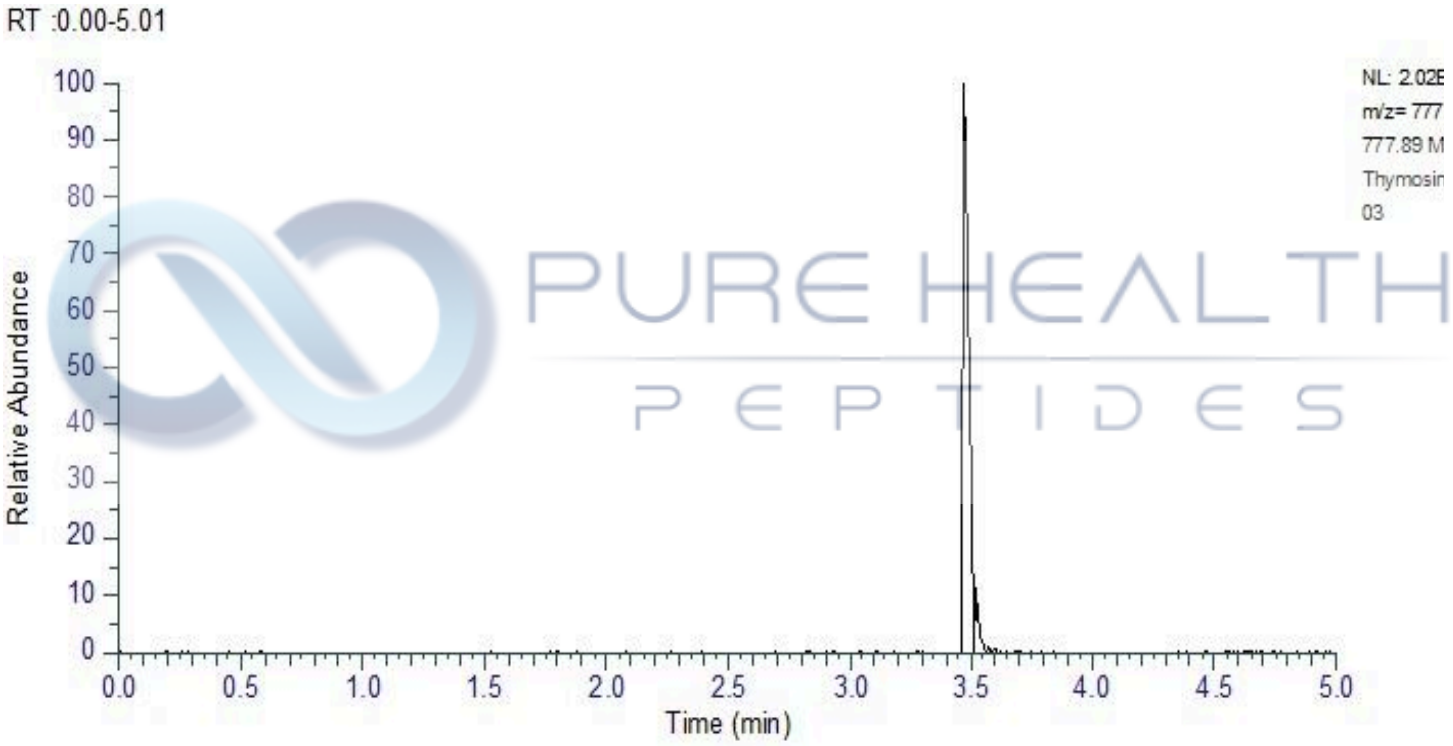
GHK-Cu (Copper), BPC-157, TB-500 (TB-4) Thymosin Alpha 1 Blend

Compound:	Thymosin Alpha 1	**CAS:**	77591-33-4
Batch/Lot #:	TUY-031425	**Formula:**	C129H215N33O55
Appearance:	Blue lyophilized powder	**Mol Wt:**	3108.3 g/mol

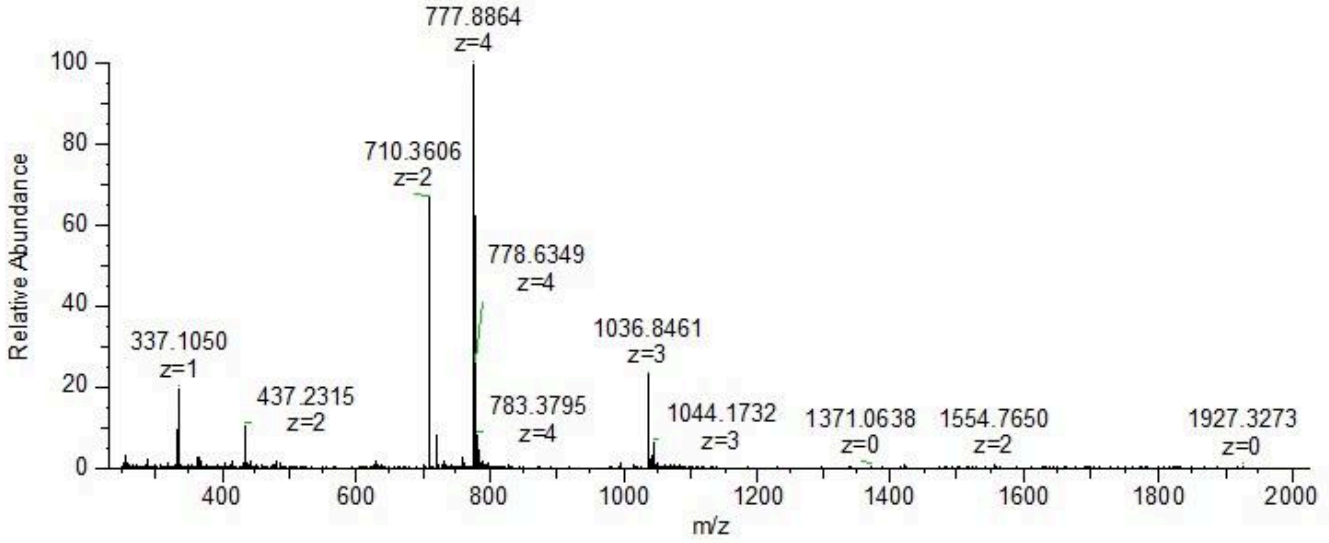
Method: Qualitative and Quantitative chemical analysis by LC-MS with UV detection
Pubchem CID: 16130571
Thymosin Alpha 1 | C129H215N33O55 | CID 16130571 - PubChem

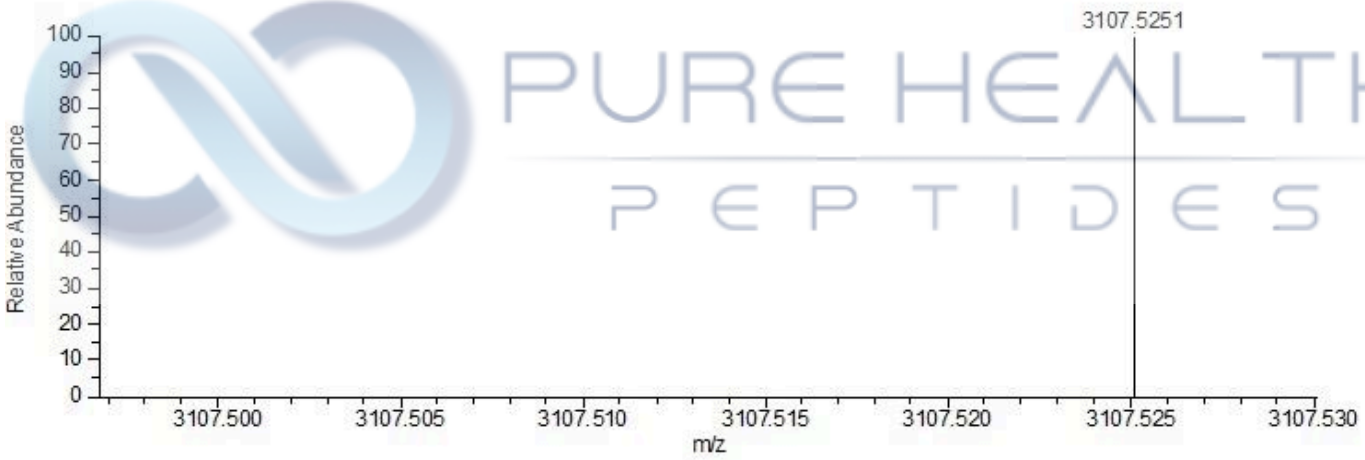
	Specification	Result	
Identity Test:	Thymosin Alpha 1	**Thymosin Alpha 1**	**Conforms**
Purity:	>98%	**99.97%**	**Conforms**

Thymosin Alpha 1 LC-MS Chromatogram: Retention Time and Peak Analysis



Thymosin Alpha 1 Mass Spectrometry (MS) Analysis: Full Scan Spectrum





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