

Lot Number: **IWR-7454331-P**
 Client Name: **Iron Within Research**
 Identity: **www.ironwithinresearch.com**


Received Date: **04/21/2026**
 Analysis Conducted: **04/16/2026**
 Searchable via: **horizonanalytical.com**

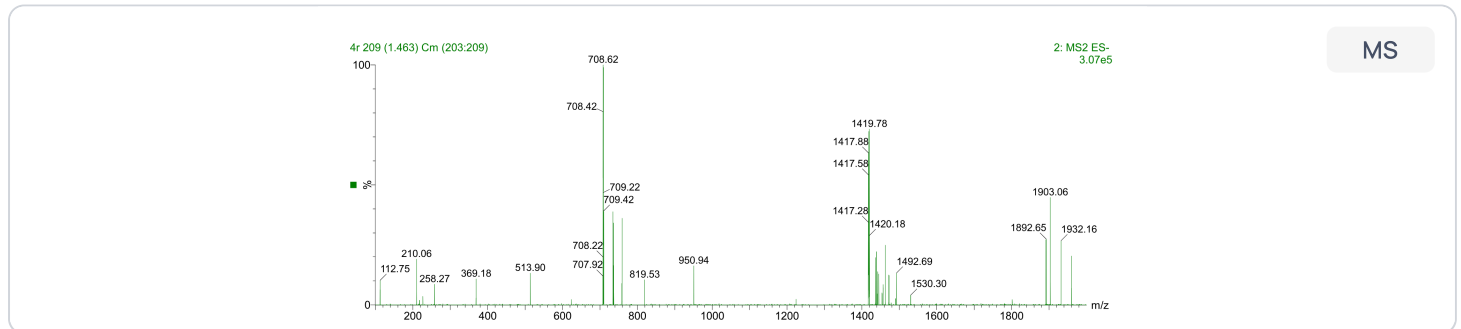
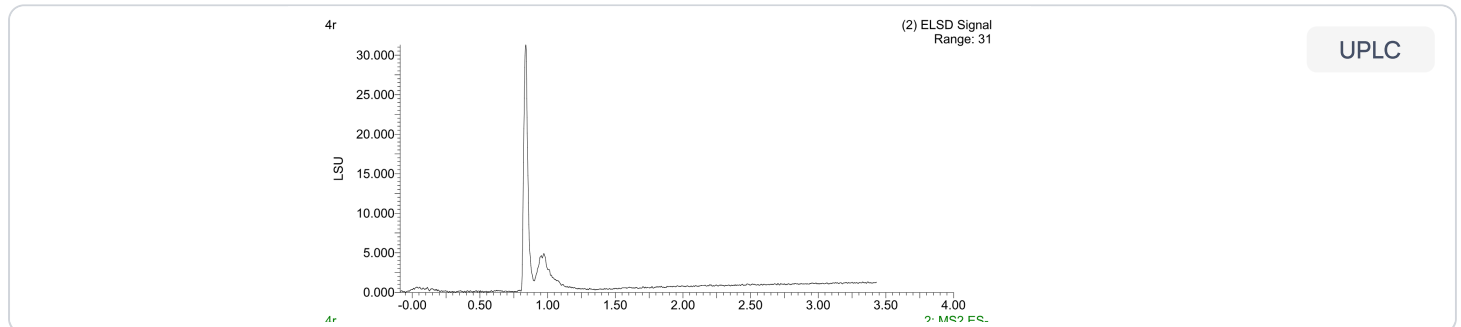
Compound:	BPC-157
Lot:	IWR-7454331-P
Appearance:	White Lyophilized Powder

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:	5mg	9.90	
Purity:	≥98%	99.36	



Aleksey Yevtodiyyenko PhD
 Research and Formulation Chemist

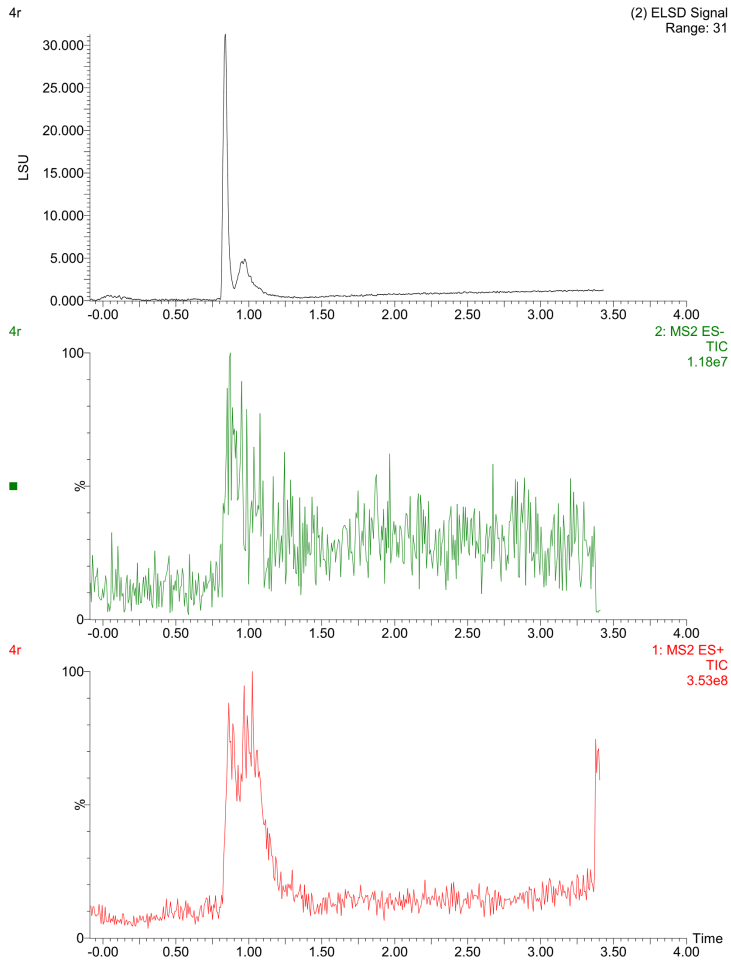


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

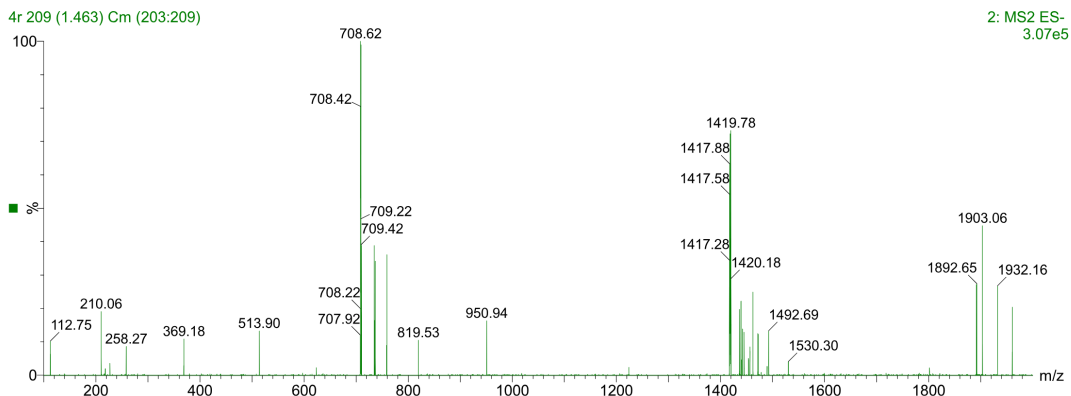
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BPC-157 (5mg) • Pubchem CID: 108101
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



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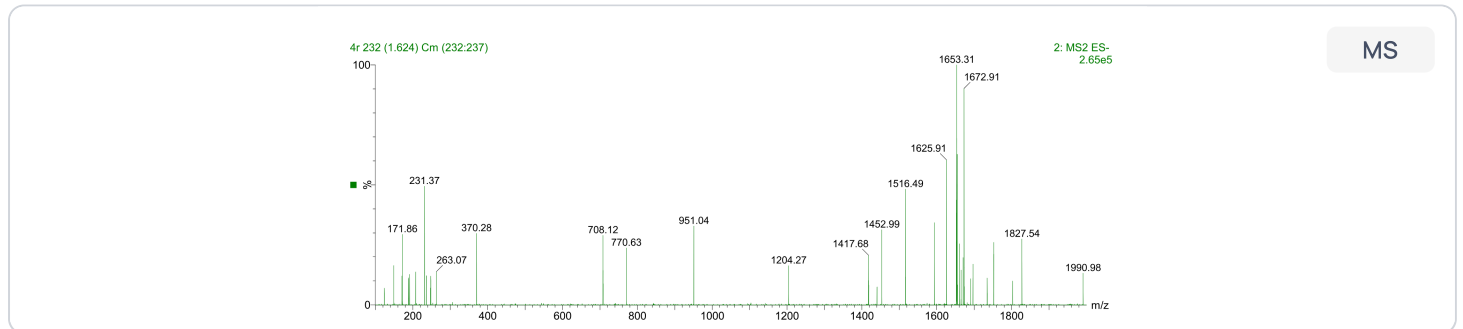
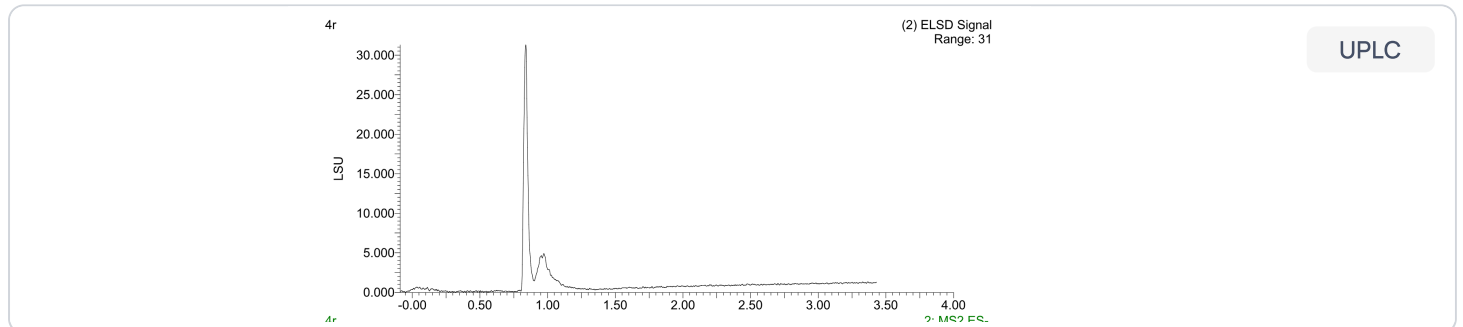
Compound:	TB-500
Lot:	IWR-7454331-P
Appearance:	White Lyophilized Powder

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:	5mg	9.90	
Purity:	≥ 98%	99.19%	



Aleksey Yevtodiyyenko PhD
 Research and Formulation Chemist

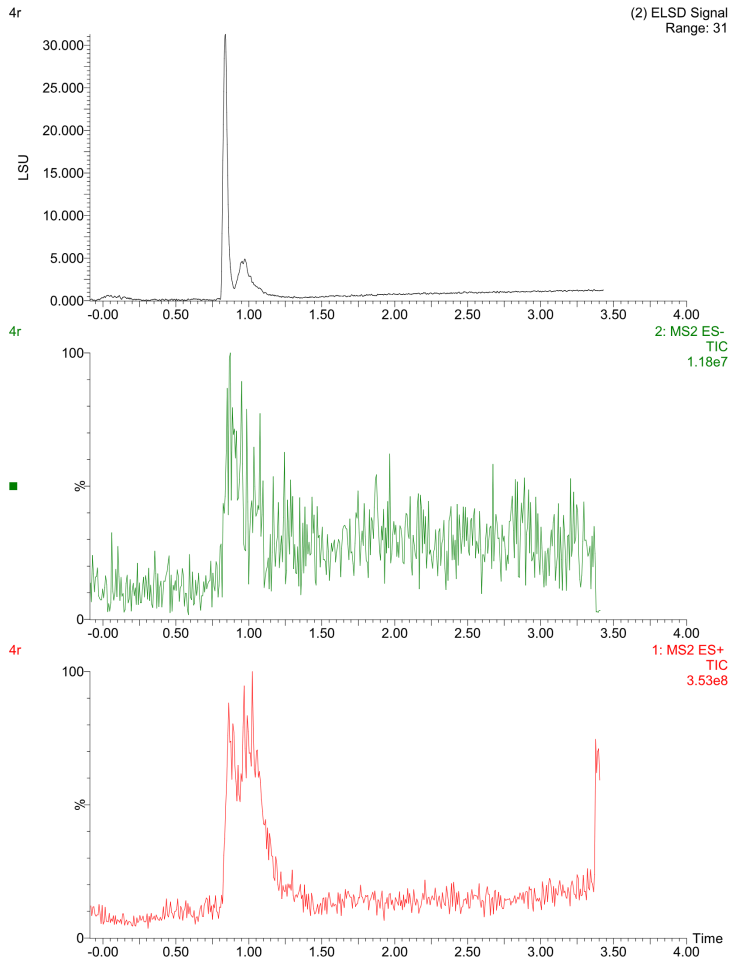


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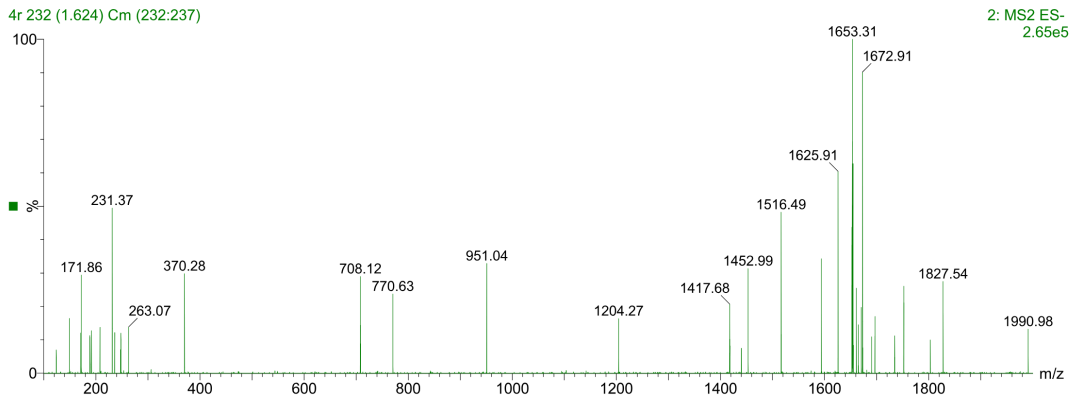
Lot Number: IWR-7454331-P
Client Name: Iron Within Research
Identity: www.ironwithinresearch.com

Received Date: 04/21/2026
Analysis Conducted: 04/16/2026
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TB-500 (5mg) • Pubchem CID: 16132341
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)





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Searchable via: FreedomDiagnosticsTesting.com

Certificate of Analysis

Accession Number	2602200198
Client	Iron Within Nutrition LLC
Search Code	Iron2602200198

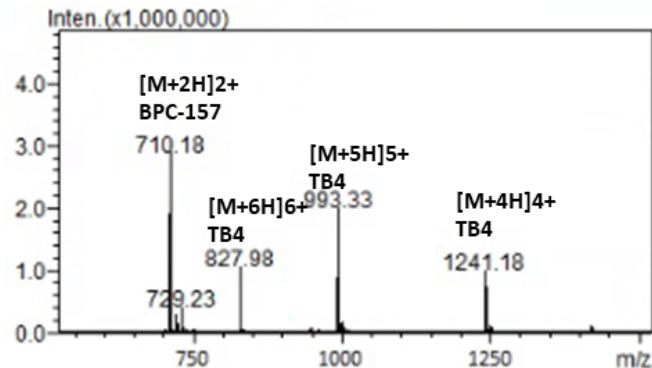
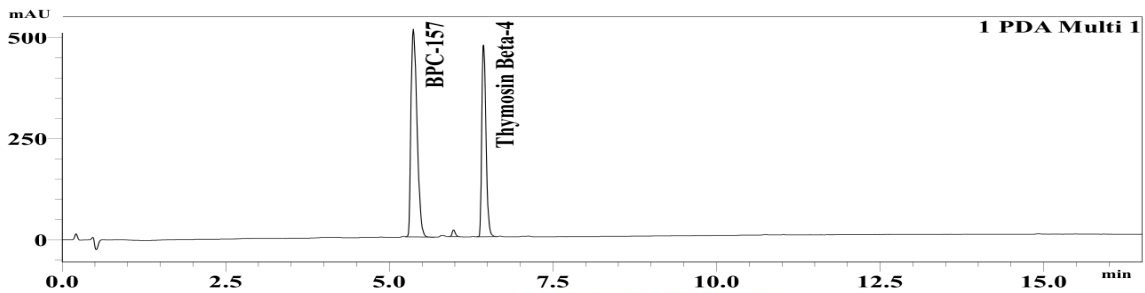
Received Date:	02/20/2026
Reported Date:	2/22/2026

Product	BPC 10mg + TB 10mg
Net Peptide Content	BPC-157 – 11.15 mg Thymosin Beta-4 – 11.06 mg
Identity	BPC-157/Thymosin Beta-4

Lot	Purple Cap
Purity	99.009%
Appearance	White Lyophilized Powder

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

Mass Identification	Result
BPC-157/Thymosin Beta-4	99.009%



Stephen Schmidt

COA: 2602200198

Stephen Schmidt
Principal Chemist

The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.

Searchable via: FreedomDiagnosticsTesting.com

Contact at: Admin@FreedomDiagnostics.net