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Searchable via: [FreedomDiagnosticsTesting.com](http://FreedomDiagnosticsTesting.com)

<b>Product</b>	Sermorelin 10mg
<b>Net Peptide Content</b>	14.61 mg
<b>Identity</b>	Sermorelin

## Certificate of Analysis

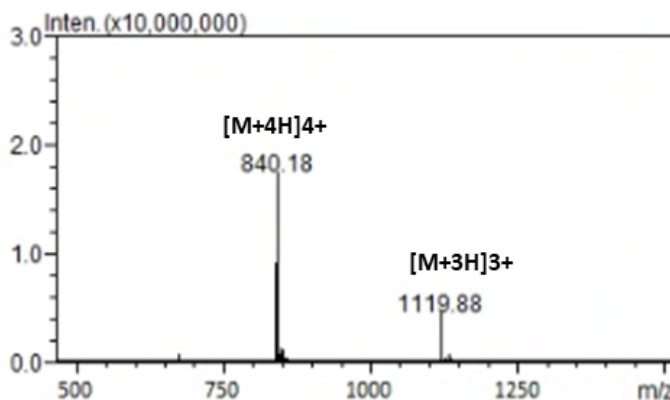
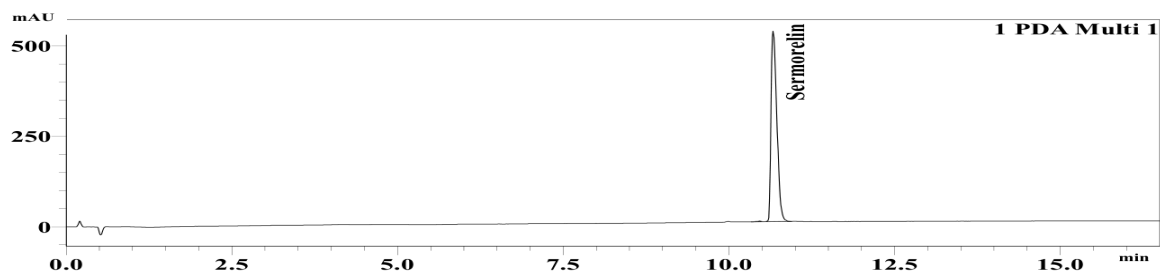
<b>Accession Number</b>	2602200205
<b>Client</b>	Iron Within Nutrition LLC
<b>Search Code</b>	Iron2602200205

<b>Received Date:</b>	02/20/2026
<b>Reported Date:</b>	2/22/2026

<b>Lot</b>	Black Cap
<b>Purity</b>	99.687%
<b>Appearance</b>	White Lyophilized Powder

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

Mass Identification	Result
Sermorelin	99.687%



*Stephen Schmidt*

Stephen Schmidt  
Principal Chemist

**COA: 2602200205**

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.

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Contact at: [Admin@FreedomDiagnostics.net](mailto:Admin@FreedomDiagnostics.net)

Lot Number: **IWR-3758495-P**  
 Client Name: **Iron Within Research**  
 Identity: **www.ironwithinresearch.com**


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

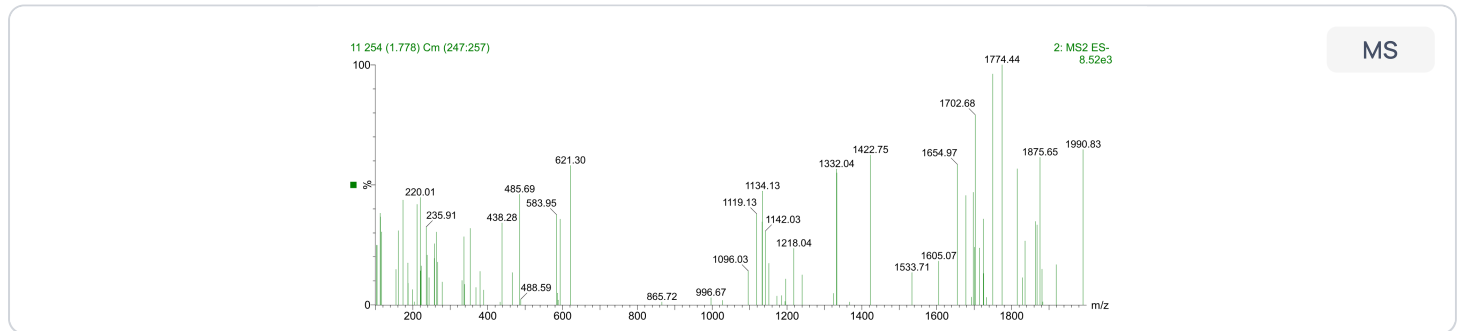
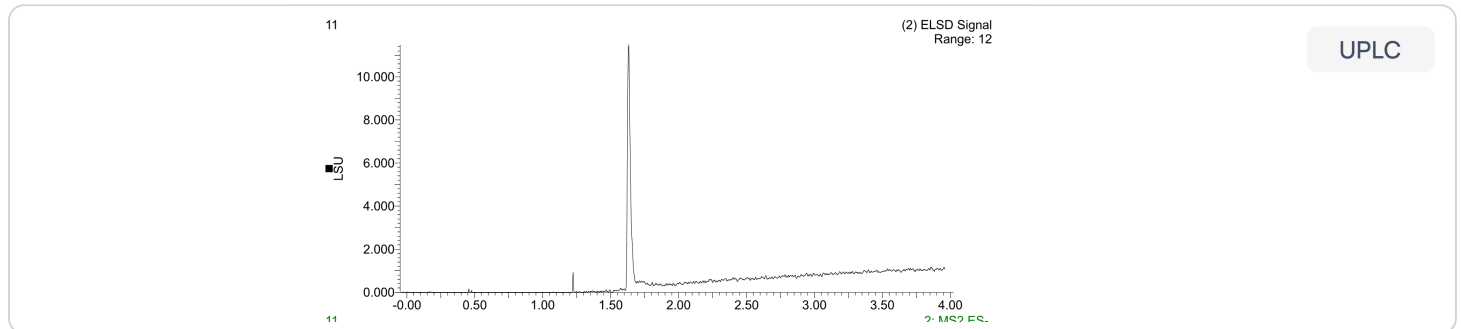
<b>Compound:</b>	Sermorelin
<b>Lot:</b>	IWR-3758495-P
<b>Appearance:</b>	White Lyophilized Powder

<b>CAS:</b>	86168-78-7
<b>Formula:</b>	C <sub>149</sub> H <sub>246</sub> N <sub>44</sub> O <sub>42</sub> S
<b>Mol Weight:</b>	~3357.9 g/mol

Pubchem CID: 16129620

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

	Specification	Result	Scan to Validate:
Compound Test:	Sermorelin	Sermorelin	
Quantity:	5mg	4.71mg	
Purity:	>98%	99.27%	



**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

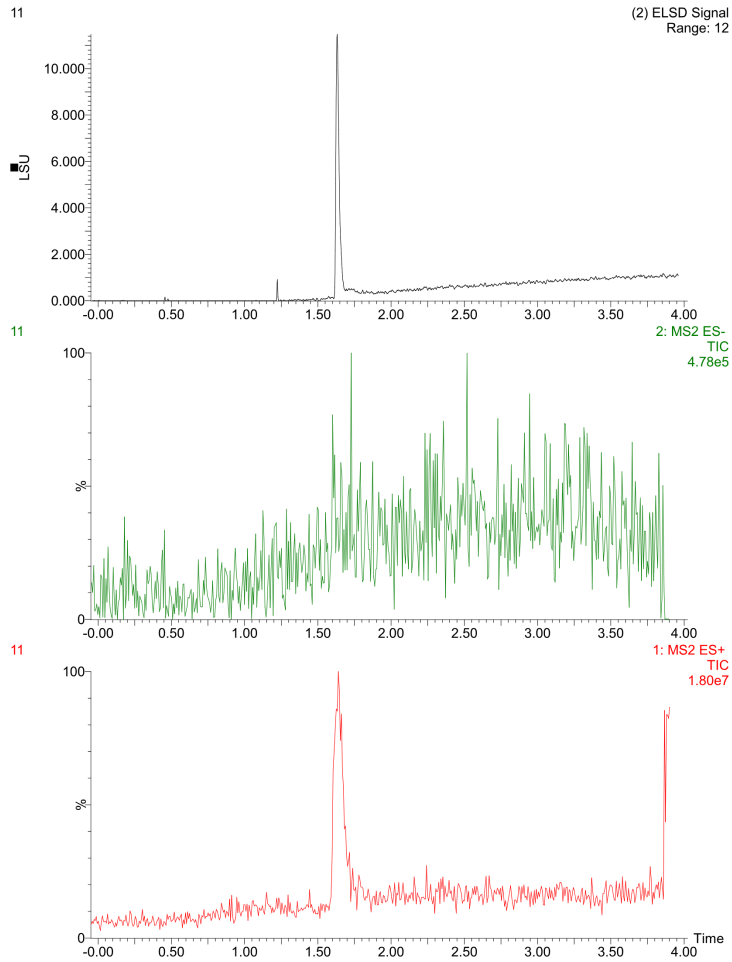


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

Lot Number: IWR-3758495-P  
Client Name: Iron Within Research  
Identity: www.ironwithinresearch.com

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

Sermorelin (5mg) • Pubchem CID: 16129620  
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

