

**Client: Direct Peptides**  
support@directpeptides.com  
www.directpeptides.com

Sample received: **10/24/25**  
Analysis conducted: **11/05/25**

|              |                          |          |                 |
|--------------|--------------------------|----------|-----------------|
| Compound:    | Sermorelin (5mg)         | CAS:     | 86168-78-7      |
| Batch/Lot #: | DPS-2763172              | Formula: | C149H246N44O42S |
| Appearance:  | White lyophilized powder | Mol Wt:  | 3357.933 g/mol  |

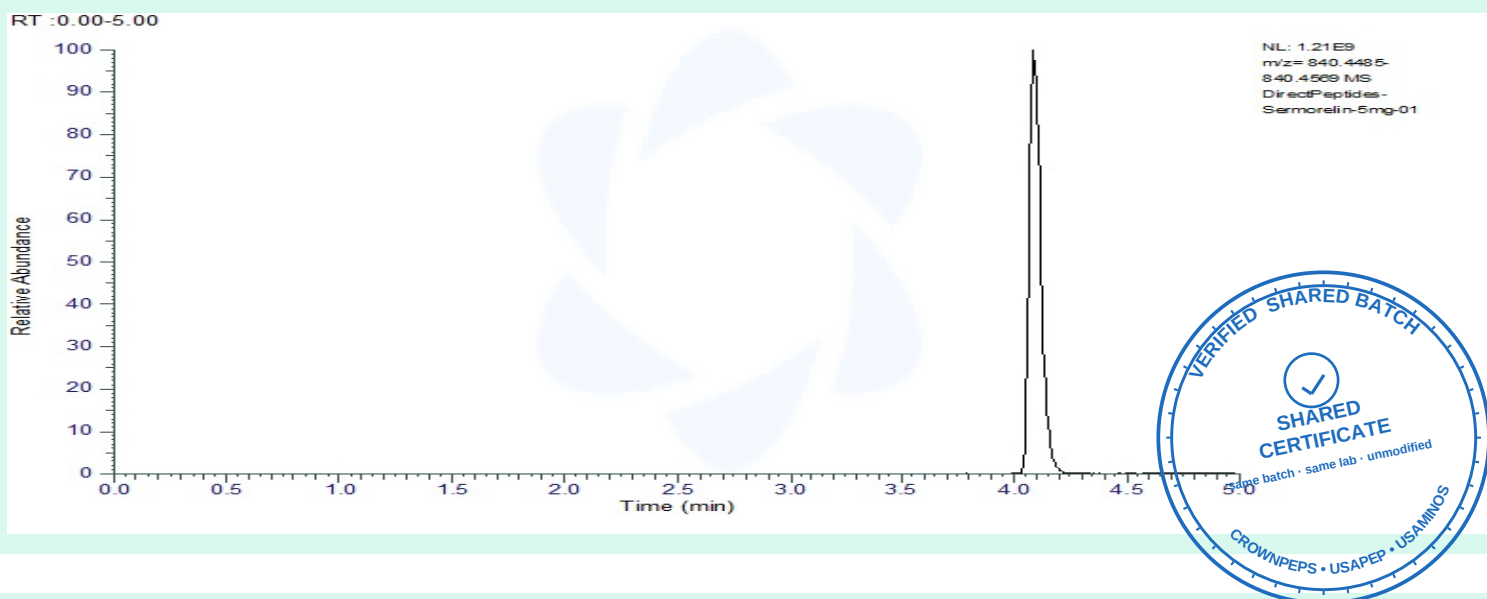
**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

**Pubchem CID:** 16132413

Sermorelin | C149H246N44O42S | CID 16132413

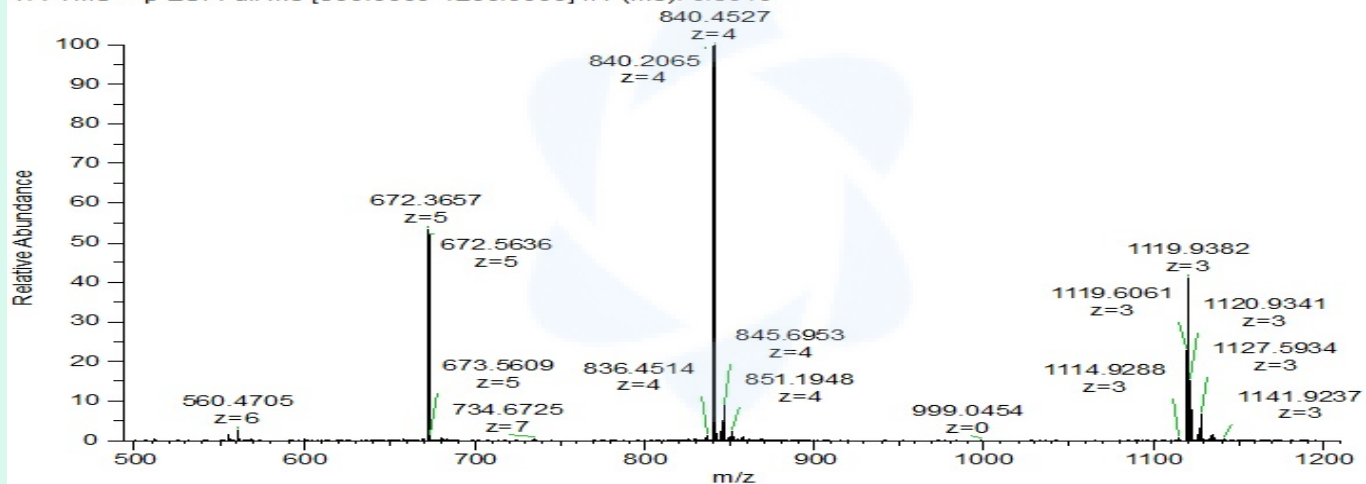
|                | Specification | Result            |                 |
|----------------|---------------|-------------------|-----------------|
| Identity Test: | Sermorelin    | <b>Sermorelin</b> | <b>Conforms</b> |
| Purity:        | >99%          | <b>99.88%</b>     | <b>Conforms</b> |

### LC-MS Chromatogram: Retention Time and Peak Analysis



## Full Scan Mass Spectrometry Analysis

DirectPeptides-Sermorelin-5mg-01 #502 RT: 4.09 AV: 1 NL: 1.18E9  
T: FTMS + p ESI Full ms [500.0000-1200.0000] IIT (ms): 0.6010



### Analysis Performed by

Dr. Roberto Marin  
Analytical Chemist  
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*Roberto Marin*

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Security Key **DIRECTPEP**  
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