

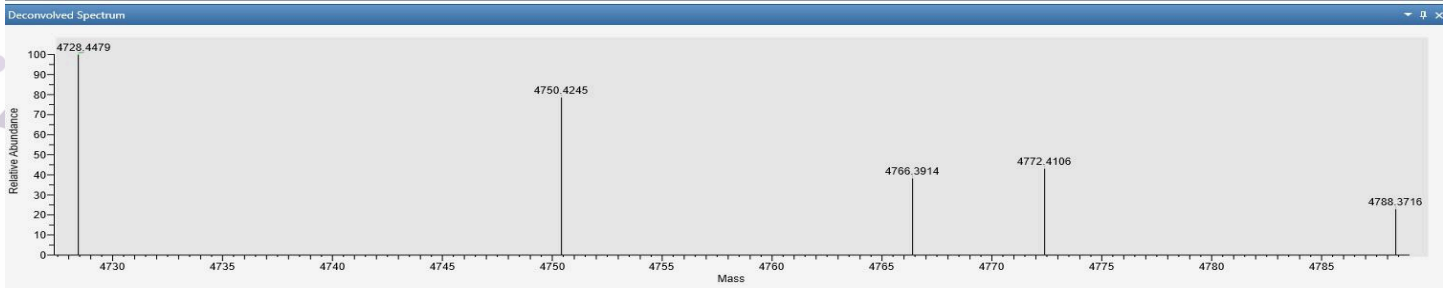
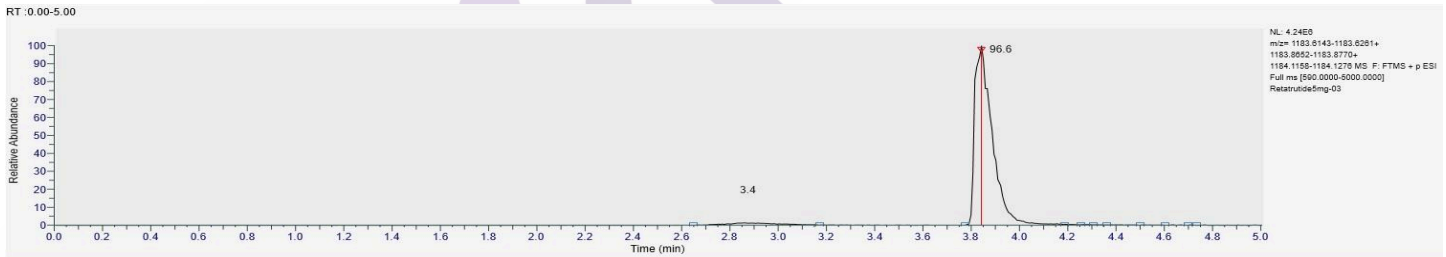
Client: **Amino USA**  
[info@aminousa.com](mailto:info@aminousa.com)  
[www.aminousa.com](http://www.aminousa.com)

Sample received: **12/18/24**  
 Analysis conducted: **12/27/24**

|                     |                          |                 |                              |
|---------------------|--------------------------|-----------------|------------------------------|
| <b>Compound:</b>    | Retatrutide              | <b>CAS:</b>     | 2381089-83-2                 |
| <b>Batch/Lot #:</b> | 24RETA5-0005             | <b>Formula:</b> | C221H342N46O68               |
| <b>Appearance:</b>  | White lyophilized powder | <b>Mol Wt:</b>  | 4845.444 g·mol <sup>-1</sup> |

**Method:** Qualitative and Quantitative chemical analysis by LC-MS with UV detection  
**Pubchem CID:** 474492335  
[SID 474492335 - PubChem](#)

|                       | Specification | Result      |                 |
|-----------------------|---------------|-------------|-----------------|
| <b>Identity Test:</b> | Retatrutide   | Retatrutide | <b>Conforms</b> |
| <b>Quantity:</b>      | 5mg           | 4.93        | <b>Conforms</b> |
| <b>Purity:</b>        | >98%          | 99.6%       | <b>Conforms</b> |



Analysis Performed by  
 Dr. Roberto Marin  
 Analytical Chemist  
[contact@bioregen.com](mailto:contact@bioregen.com)

*Roberto Marin*

COA #10016  
 Security Key **AMINO2050**  
[bioregen.com/verify](http://bioregen.com/verify)



Purity determined using HPLC-ESI-MS

Retatrutide peak identity confirmed by mass spectrum evaluation

Expected mass : 4731.33 m/z

Measured mass : 4728.448 m/z

Molecular weight confirmed

Quantification by HPLC-UV Measured quantity : 4.83 mg/vial

