

## CERTIFICATE OF ANALYSIS

# Laboratory report summary

## GLP-3 RT

10 mg / lyophilized vial

## SOURCE &amp; TRACEABILITY / SUPPLIER GROUP 1 OF 2

|                                                  |                                              |
|--------------------------------------------------|----------------------------------------------|
| Testing laboratory<br><b>Freedom Diagnostics</b> | Source supplier<br><b>Amino Science Labs</b> |
| Source lot / batch<br><b>AS-RT10-2026-0019</b>   | Report date<br><b>Oct 14, 2026</b>           |

Content / purity report 2610139096 · Lot AS-RT10-2026-0019 · Oct 14, 2026

## COMPONENT BREAKDOWN

| Compound          | Specification | Measured content | Purity |
|-------------------|---------------|------------------|--------|
| <b>GLP-3 Reta</b> | 10 mg         | 11.05 mg         | 99.96% |

## OTHER REPORTED RESULTS

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| <b>Test method</b>               | HPLC-UV / LC-MS (report 2610139096)          |
| <b>Appearance</b>                | White lyophilized powder (report 2610139096) |
| <b>Identity result on report</b> | Confirmed (report 2610139096)                |

## REPORT NOTES

Results apply to the laboratory sample. Endotoxin, sterility and heavy-metal results are not reported in this document.

Results apply to the laboratory-tested sample identified above. This S7 summary reproduces attributed results; it does not add tests or certify safety.

[View original content / purity report 2610139096 on S7 Sciences](#)

Owner confirms all current on-hand stock is from the latest supplier batches; packaging lot numbers were not independently read.

S7 summary - not a laboratory-issued certificate

Original laboratory reports follow. Research reference only.

Not for human or veterinary use.

## CERTIFICATE OF ANALYSIS

# Laboratory report summary

## GLP-3 RT

10 mg / lyophilized vial

## SOURCE &amp; TRACEABILITY / SUPPLIER GROUP 2 OF 2

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| Testing laboratory<br><b>Horizon Analytical</b> | Source supplier<br><b>MSAmino</b> |
| Source lot / batch<br><b>MSA-8607214</b>        | Report date<br><b>Aug 7, 2026</b> |

Content / purity report 1022256 · Lot MSA-8607214 · Aug 7, 2026

Endotoxin report 1022311 · Lot MSA-8607214 · Aug 7, 2026

## COMPONENT BREAKDOWN

| Compound           | Specification | Measured content | Purity |
|--------------------|---------------|------------------|--------|
| <b>Retatrutide</b> | 10 mg         | 9.74 mg          | 99.72% |

## OTHER REPORTED RESULTS

|                    |                                           |
|--------------------|-------------------------------------------|
| <b>Test method</b> | UPLC/MS (report 1022256)                  |
| <b>Appearance</b>  | White lyophilized powder (report 1022256) |
| <b>Endotoxin</b>   | <0.05 EU/mL (report 1022311)              |

## REPORT NOTES

Results apply to the identified tested sample. No sterility or heavy-metal test results reported. Identity field is N/A; named compound-test results are transcribed, not an independent identity certification. The report does not state the specific endotoxin assay method. An endotoxin result is not a sterility test. No sterility or heavy-metal results are reported.

Results apply to the laboratory-tested sample identified above. This S7 summary reproduces attributed results; it does not add tests or certify safety.

[View original content / purity report 1022256 on S7 Sciences](#)[View original endotoxin report 1022311 on S7 Sciences](#)

Owner confirms all current on-hand stock is from the latest supplier batches; packaging lot numbers were not independently read.

S7 summary - not a laboratory-issued certificate

Original laboratory reports follow. Research reference only.

Not for human or veterinary use.



**Client:** Amino Science  
**Accession #:** 2610139096  
**Search Code:** Amin2610139096  
**Received:** 10/13/2026  
**Reported:** 10/14/2026  
**Lot:** AS-RT10-2026-0019

## Sample Summary

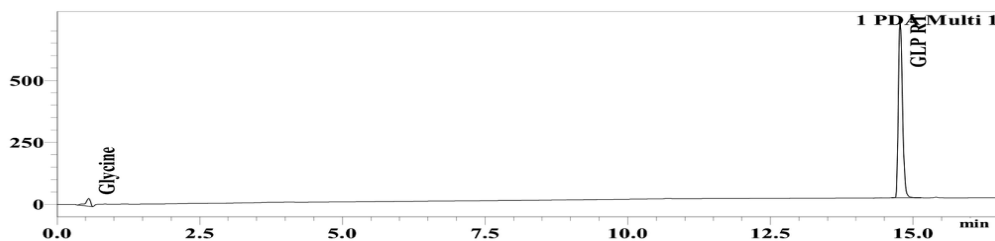
|                    |                          |                     |          |
|--------------------|--------------------------|---------------------|----------|
| <b>Product:</b>    | GLP-3 Reta 10mg          | <b>Purity:</b>      | 99.96%   |
| <b>Identity:</b>   | Confirmed                | <b>Net Content:</b> | 11.05 mg |
| <b>Appearance:</b> | White Lyophilized Powder |                     |          |

## Analytical Results

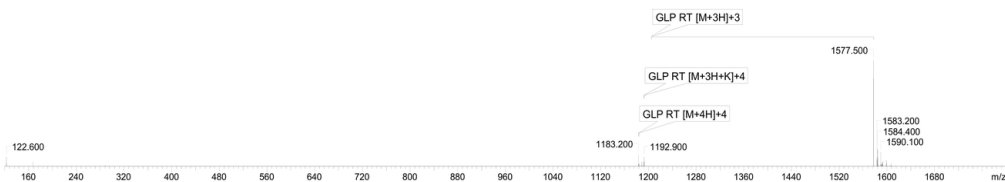
| Test             | Result   |
|------------------|----------|
| Identity (LC-MS) | GLP RT   |
| Purity (HPLC-UV) | 99.96%   |
| Net Content      | 11.05 mg |

**Method:** HPLC with UV detection coupled with mass spectrometry (LC-MS).

### Chromatogram



### Mass Confirmation



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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.

Lot Number: **MSA-8607214**  
 Brand / Distributed by: **Ms. Amino**  
 Identity: **N/A**

Analysis Date: **08/07/2026**  
 Searchable via: **horizonanalytical.com**

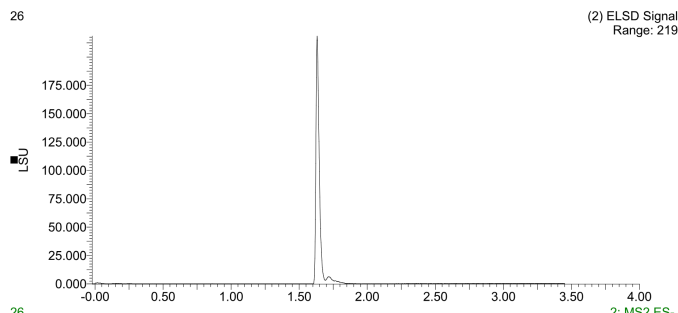
|                |                          |
|----------------|--------------------------|
| Compound:      | Retatrutide              |
| Report Number: | 1022256                  |
| Appearance:    | White Lyophilized Powder |

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| CAS:        | 2381089-83-2                                                      |
| Formula:    | C <sub>221</sub> H <sub>342</sub> N <sub>46</sub> O <sub>68</sub> |
| Mol Weight: | ~4731 g/mol                                                       |

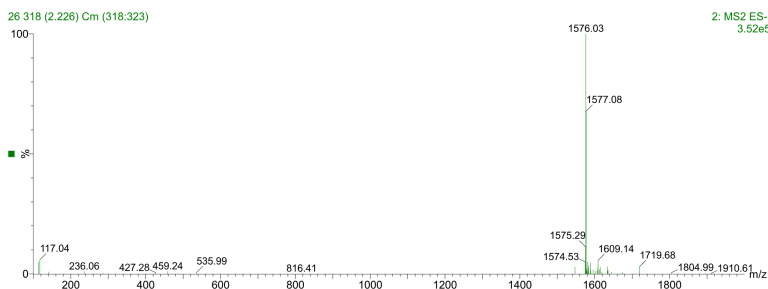
Pubchem CID: 171390338

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

|                | Specification | Result      | Scan to Validate:                                                                   |
|----------------|---------------|-------------|-------------------------------------------------------------------------------------|
| Compound Test: | Retatrutide   | Retatrutide |  |
| Quantity:      | 10mg          | 9.74mg      |                                                                                     |
| Purity:        | >98%          | 99.72%      |                                                                                     |



UPLC



MS

**Aleksey Yevtodiyenko PhD**  
 Research and Formulation Chemist

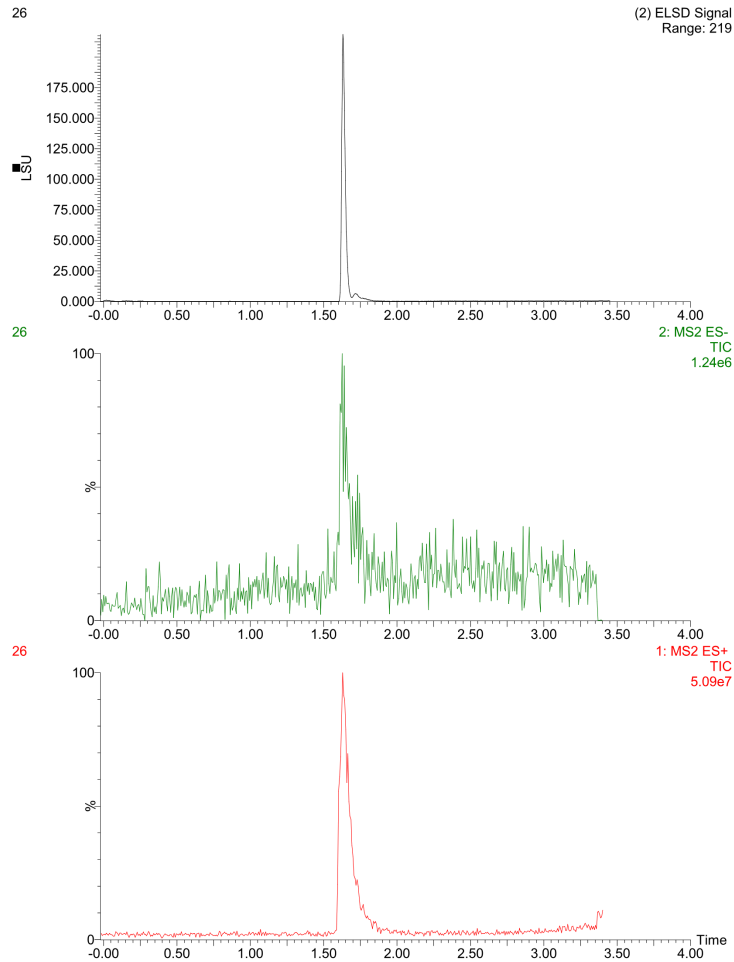


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

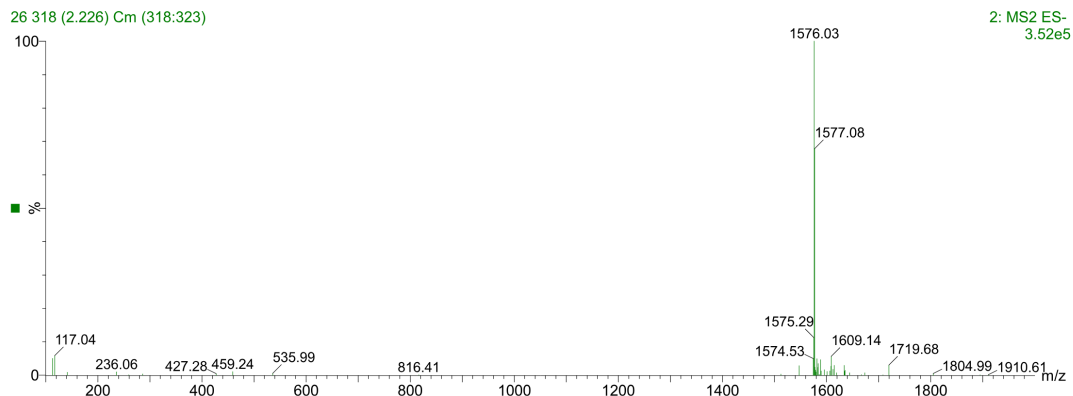
Lot Number: **MSA-8607214**  
 Brand / Distributed by: **Ms. Amino**  
 Identity: **N/A**

Analysis Date: **08/07/2026**  
 Searchable via: **horizonanalytical.com**

Retatrutide (10mg) • Pubchem CID: 171390338  
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: [MSA-8607214](#)  
Brand / Distributed by: [Ms. Amino](#)  
Identity: [N/A](#)

Analysis Date: [08/07/2026](#)  
Searchable via: [horizonanalytical.com](https://horizonanalytical.com)

|                |             |
|----------------|-------------|
| Compound:      | Retatrutide |
| Report Number: | 1022311     |
| Appearance:    | -           |

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| CAS:        | 2381089-83-2                                                      |
| Formula:    | C <sub>221</sub> H <sub>342</sub> N <sub>46</sub> O <sub>68</sub> |
| Mol Weight: | ~4731 g/mol                                                       |

Pubchem CID: 171390338

#### Endotoxin Test

|                | Specification | Result       | Scan to Validate:                                                                   |
|----------------|---------------|--------------|-------------------------------------------------------------------------------------|
| Compound Test: | Retatrutide   | Pass         |  |
| Endotoxin:     | -             | < 0.05 EU/mL |                                                                                     |

Aleksey Yevtodiyenko PhD  
Research and Formulation Chemist



This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

Contact at: [contact@horizonanalytical.com](mailto:contact@horizonanalytical.com)

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