

# Certificate of Analysis

REPORTED September 17, 2026

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SCAN TO VERIFY



PTC-6Q4BMGCP

Lab ID: **RET-564**

END CUSTOMER

NAME [nexgenamino.com/](https://nexgenamino.com/)  
[info@nexgenamino.com](mailto:info@nexgenamino.com)

## § 01 Sample Information

FOR RESEARCH PURPOSES ONLY

|             |                           |             |                                                                   |
|-------------|---------------------------|-------------|-------------------------------------------------------------------|
| Sample ID:  | <b>RET-564</b>            | Received:   | <b>09/04/2026</b>                                                 |
| Compound:   | <b>Retatrutide</b>        | Analyzed:   | <b>09/17/2026</b>                                                 |
| Report No.: | <b>COA-2026-SC-02609</b>  | CAS:        | <b>2381089-83-2</b>                                               |
| Total Mass: | <b>128.6 mg</b>           | Formula:    | <b>C<sub>221</sub>H<sub>342</sub>N<sub>46</sub>O<sub>68</sub></b> |
| Appearance: | <b>Lyophilized powder</b> | Mol Weight: | <b>4731.3 g/mol</b>                                               |

## § 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

|                         | SPECIFICATION | RESULT          | STATUS      |
|-------------------------|---------------|-----------------|-------------|
| Compound Test:          | Retatrutide   | Retatrutide     | <b>PASS</b> |
| Net Peptide Content:    | 20.00 mg      | <b>19.13 mg</b> |             |
| Peptide Fill Accuracy:  | ≥ 90 %        | <b>95.6 %</b>   |             |
| Chromatographic Purity: | ≥ 98 %        | <b>99.3 %</b>   |             |

Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). — means not determined.

## § 03 HPLC-MS/MS Detail

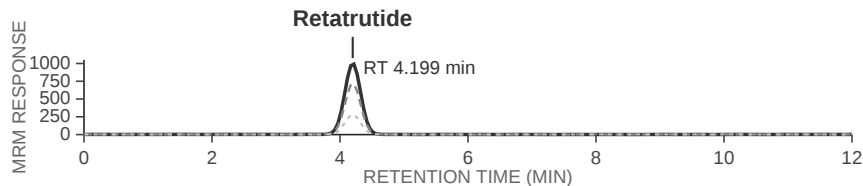
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+5H]<sup>5+</sup>

**947.90 Da**

Quantifier transition ● MRM

**947.90 > 136.10 CE 30 V**



| ROLE         | TRANSITION              | CE          |
|--------------|-------------------------|-------------|
| ● Quantifier | <b>947.9 &gt; 136.1</b> | <b>30 V</b> |
| ■ Qualifier  | <b>947.9 &gt; 110.1</b> | <b>35 V</b> |

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 μm · Solvent A: 0.1 % formic acid in H<sub>2</sub>O · Solvent B: 0.1 % formic acid in Acetonitrile

SAMPLE PHOTOGRAPH



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**DISCLAIMER · RESEARCH USE ONLY**

Results relate **only to the sample as received** by Side-Chain Analytics Inc. and the tests performed, as and when received — not to any other unit, vial, lot, or batch, and not to any other product bearing the same name, label, or description. This report is not a verification of any lot or batch. **For research use only:** this report is not a certificate of quality, safety, efficacy, or regulatory compliance; the material tested is not authorized by Health Canada for human or veterinary use; and this report is not for human or veterinary administration, clinical or diagnostic use, or label claims. Side-Chain Analytics Inc. does not manufacture, source, or sell the material tested and makes **no warranty, express or implied**; its liability shall not exceed the testing fee. This report may not be reproduced except in full, and may not be reproduced, displayed, quoted, or referenced — in whole or in part, including by any badge, seal, or link — in connection with the advertising, offer for sale, sale, or distribution of any product. This certificate is valid only as currently shown at [sidechainanalytics.com/verify](https://sidechainanalytics.com/verify) and may be withdrawn.