

# Certificate of Analysis

Lab ID: **RET-490**

REPORTED September 6, 2026

CLIENT

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ORDER # PTC-112332

SCAN TO VERIFY



PTC-KESMTB9L

END CUSTOMER

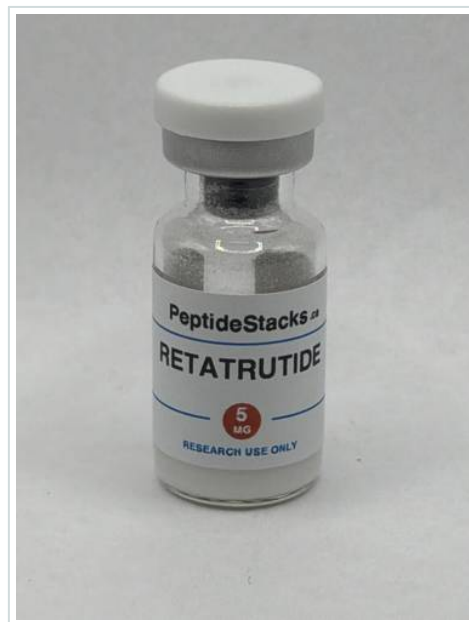
NAME [PeptideSales.ca](https://PeptideSales.ca) / [PeptideStacks.ca](https://PeptideStacks.ca) / [Peptide-Apex.com](https://Peptide-Apex.com)

## § 01 Sample Information

FOR RESEARCH PURPOSES ONLY

|             |                           |             |                                                                   |
|-------------|---------------------------|-------------|-------------------------------------------------------------------|
| Sample ID:  | <b>RET-490</b>            | Received:   | <b>09/01/2026</b>                                                 |
| Compound:   | <b>Retatrutide</b>        | Analyzed:   | <b>09/06/2026</b>                                                 |
| Report No.: | <b>COA-2026-SC-02176</b>  | CAS:        | <b>2381089-83-2</b>                                               |
| Lot Number: | <b>6741-1</b>             | Formula:    | <b>C<sub>221</sub>H<sub>342</sub>N<sub>46</sub>O<sub>68</sub></b> |
| Total Mass: | <b>62.5 mg</b>            | Mol Weight: | <b>4731.3 g/mol</b>                                               |
| Appearance: | <b>Lyophilized powder</b> |             |                                                                   |

## SAMPLE PHOTOGRAPH



## § 02 Analytical Results

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

|                         | SPECIFICATION | RESULT      | STATUS      |
|-------------------------|---------------|-------------|-------------|
| Compound Test:          | Retatrutide   | Retatrutide |             |
| Net Peptide Content:    | 5.00 mg       | 5.67 mg     |             |
| Peptide Fill Accuracy:  | ≥ 90 %        | 113.3 %     | <b>PASS</b> |
| Chromatographic Purity: | ≥ 98 %        | 99.6 %      |             |

**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

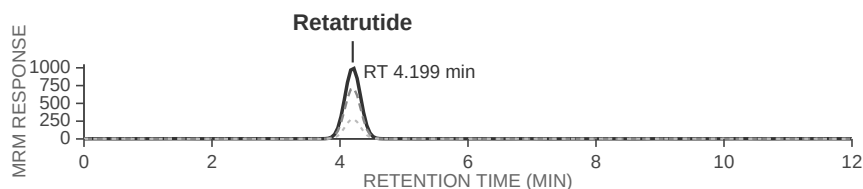
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

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

947.90 Da

Quantifier transition ● MRM

947.90 > 136.10 CE 30 V



| ROLE         | TRANSITION    | CE   |
|--------------|---------------|------|
| ● Quantifier | 947.9 > 136.1 | 30 V |
| ■ Qualifier  | 947.9 > 110.1 | 35 V |

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

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**DISCLAIMER · RESEARCH USE ONLY**

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