

# Certificate of Analysis

Lab ID: **TIR-076-R**

REPORTED September 28, 2026

**CLIENT**

VERIFY [peptidetestcanada.ca/verify](https://peptidetestcanada.ca/verify)

EMAIL [info@peptidetestcanada.ca](mailto:info@peptidetestcanada.ca)

ORDER # PTC-960662

SCAN TO VERIFY



PTC-NP6SXDG6

**END CUSTOMER**

NAME Nume Peptides INC , [www.numepeptides.com](http://www.numepeptides.com)

## § 01 Sample Information

FOR RESEARCH PURPOSES ONLY

|             |                           |             |                                                                   |
|-------------|---------------------------|-------------|-------------------------------------------------------------------|
| Sample ID:  | <b>TIR-076-R</b>          | Received:   | <b>09/10/2026</b>                                                 |
| Compound:   | <b>Tirzepatide</b>        | Analyzed:   | <b>09/28/2026</b>                                                 |
| Report No.: | <b>COA-2026-SC-03197</b>  | CAS:        | <b>2023788-19-2</b>                                               |
| Total Mass: | <b>90.5 mg</b>            | Formula:    | <b>C<sub>225</sub>H<sub>348</sub>N<sub>48</sub>O<sub>68</sub></b> |
| Appearance: | <b>Lyophilized powder</b> | Mol Weight: | <b>4813.5 g/mol</b>                                               |

**SAMPLE PHOTOGRAPH**



## § 02 Analytical Results

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

|                                | SPECIFICATION | RESULT             | STATUS      |
|--------------------------------|---------------|--------------------|-------------|
| <b>Compound Test:</b>          | Tirzepatide   | <b>Tirzepatide</b> | <b>PASS</b> |
| <b>Net Peptide Content:</b>    | 10.00 mg      | <b>23.45 mg</b>    |             |
| <b>Peptide Fill Accuracy:</b>  | ≥ 90 %        | <b>234.5 %</b>     |             |
| <b>Chromatographic Purity:</b> | ≥ 98 %        | <b>99.6 %</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

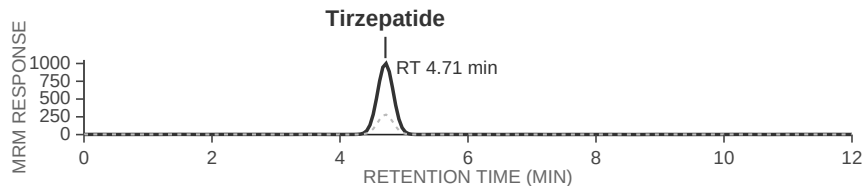
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

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

**963.90 Da**

Quantifier transition ● MRM

**963.90 > 136.10 CE 28 V**



| ROLE         | TRANSITION              | CE          |
|--------------|-------------------------|-------------|
| ● Quantifier | <b>963.9 &gt; 136.1</b> | <b>28 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

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**DISCLAIMER · RESEARCH USE ONLY**

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