TRACE HELIX
ANALYTICAL

# Certificate of Analysis

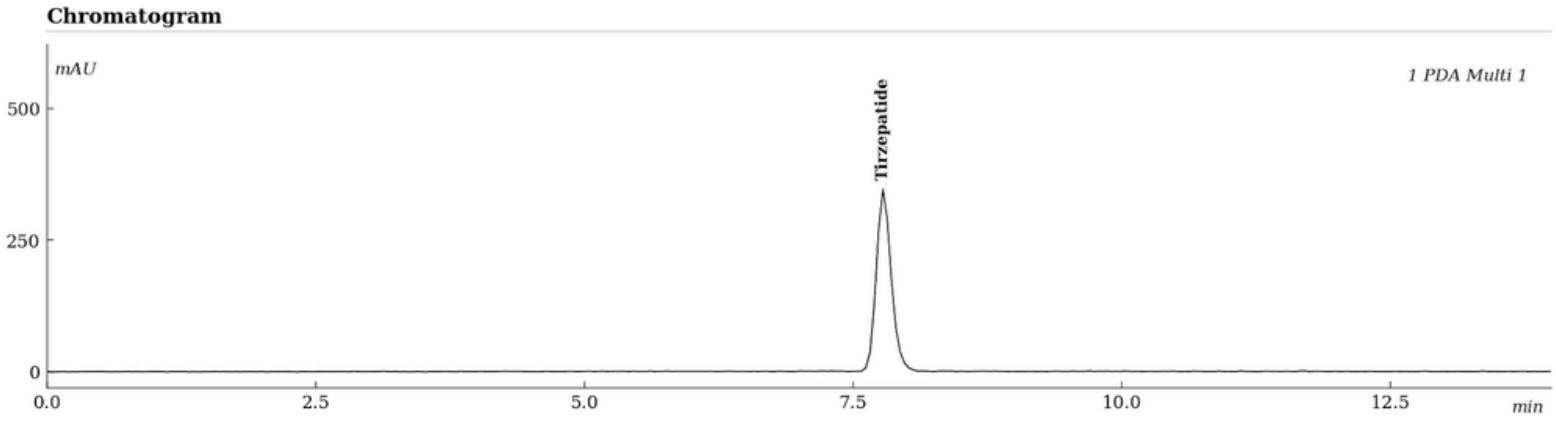
**Sample Received:** 09/29/2026
**Analysis Conducted:** 10/01/2026
**Report Number:** 26507405
**Searchable via:** tracehelix.com

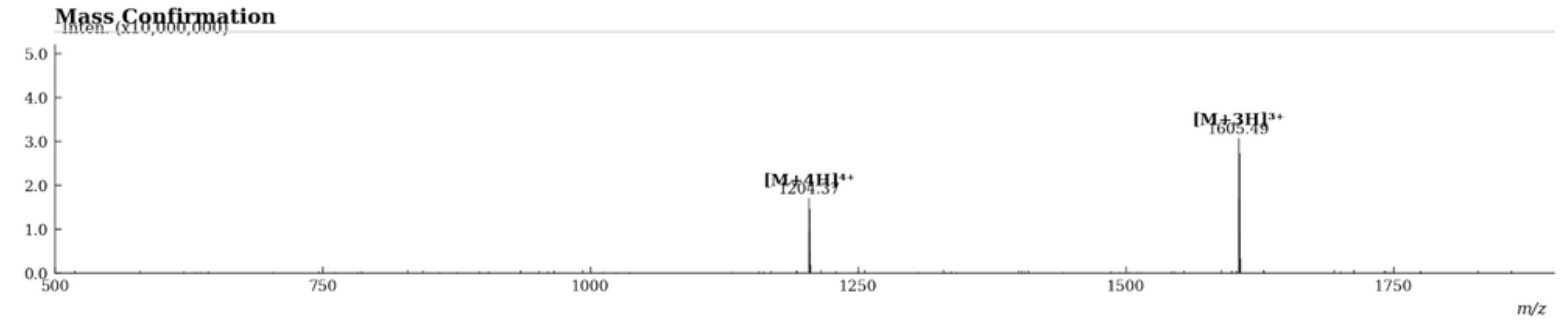
| | |
|---|---|
| **Client:** | **Nextedgepeptides.com** |
| **Manufacturer:** | **NextEdge Peptides** |
| **Compound/Sample:** | **Tirzepatide 10mg** |
| **Lot/batch number:** | **TZ10-1088** |
| **Appearance:** | **White Lyophilized Powder** |

## Analytical Results

| Test | Result |
|---|---|
| **Identity (LC-MS)** | **Tirzepatide** |
| **Purity (HPLC-UV)** | **99.89%** |
| **Net Content Average** | **10.56 mg** |

| | |
|---|---|
| **Purity:** | **Vial 1:** 99.90%<br>**Vial 2:** 99.88%<br>**Vial 3:** 99.88% |
| **Net Content:** | **Vial 1:** 10.63 mg<br>**Vial 2:** 10.51 mg<br>**Vial 3:** 10.55 mg |




**Analytical testing was conducted using HPLC and LC-MS methods under standard laboratory conditions. Findings are specific to the submitted sample and intended for research and informational use only.**

**Verify this test at www.tracehelix.com/verify with the following report number:**

**26507405**

**Scan to Validate**

Aleksander Czajkowski
**Principal Chemist**

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**Report number:** 26507405
**Compound/Sample:** Tirzepatide 10mg
**Lot/batch number:** TZ10-1088
**Client:** Nextedgepeptides.com

## HEAVY METALS ANALYSIS (ICP-MS)

| Analyte | Method | LOQ (ppm) | Result (ppm) | Status |
|---|---|---|---|---|
| Arsenic (As) | ICP-MS | 0.01 | Not Detected | PASS |
| Cadmium (Cd) | ICP-MS | 0.01 | Not Detected | PASS |
| Lead (Pb) | ICP-MS | 0.01 | Not Detected | PASS |
| Mercury (Hg) | ICP-MS | 0.005 | Not Detected | PASS |

**LOQ: Limit of Quantification**
**Heavy metals analysis was performed using Inductively Coupled Plasma Mass Spectrometry (ICP-MS)**

## ENDOTOXIN & STERILITY ANALYSIS

| Analysis | Method | Specification | Results |
|---|---|---|---|
| Endotoxin | LAL (USP <85>) | <0.05 EU/mL | Pass |
| Sterility | USP <71> | No Growth | Pass - No Growth Detected |

**Endotoxin testing was performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under standard laboratory conditions.**
**Sterility testing was performed in accordance with USP <71>.**

**The peptide analysis presented in this report was conducted by Trace Helix Analytical under standard laboratory conditions. Findings are specific to the submitted sample and intended for research and informational use only.**

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