

ILS Laboratories

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Tirzepatide - 10mg

Tested for: Peerless Peptides
<https://peerlesspeptides.com>

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: E8NCJUPY

COA #: **COA-2026-413003**
Lot Number: **08-2606**
Accession #: **ACC-2026-0186**
Labeled Content: **10mg**

Analysis Date: **03/26/2026**
Appearance: **Good**
Sample Matrix: **Lyophilized**
Vial Size: **3mL**
Date Received: **03/20/2026**

Method: **Full QC Panel**

Identity	Peptide Purity
Tirzepatide	99.22%

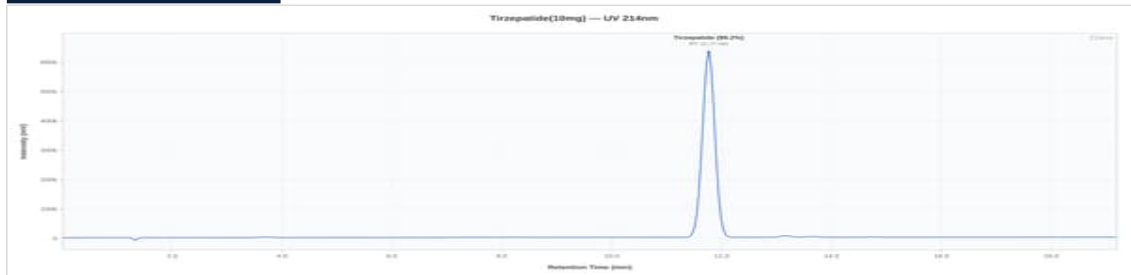


Tirzepatide 10mg - 08-2606

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%%	99.22%	%	PASS
Net Peptide Content	Report Only	10.42	mg	N/A
Identity (HPLC-RTM)	Tirzepatide	Confirmed	-	PASS

HPLC Chromatogram



Tirzepatide 10mg - 08-2606: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	<i>Not Detected</i>	PASS
Cadmium (Cd)	NMT 0.5 ppm	<i>Not Detected</i>	PASS
Chromium (Cr)	NMT 10 ppm	<i>Not Detected</i>	PASS
Mercury (Hg)	NMT 1.5 ppm	<i>Not Detected</i>	PASS
Lead (Pb)	NMT 1 ppm	<i>Not Detected</i>	PASS

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS




Dr. Greg Kalyuzhny
Lab Director
6/20/2026

COA #: **COA-2026-413003**
Access Code: **E8NCJUPY**
Verify: <portal.ils-lab.com/verify/NCCwBG-7G8mA3Buh>
Issued: 6/20/2026

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	NMT 0.05 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

1. Date Tested: 06/19/2026. Methods: Full QC Panel.
2. The sample was confirmed to be Tirzepatide by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.



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