

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

Tirzepatide - 30mg

Tested for: Regenerative Research

<https://www.regenerativeresearch.co/>

COA #: COA-2026-GN_36L
Lot Number: TZ26-02
Accession #: ACC-2026-6809
Labeled Content: 30mg

Analysis Date: 07/09/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/28/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: WPM777X6

Method: Full QC Panel

Identity

Tirzepatide

Peptide Purity

99.90%



Fentanyl
Free

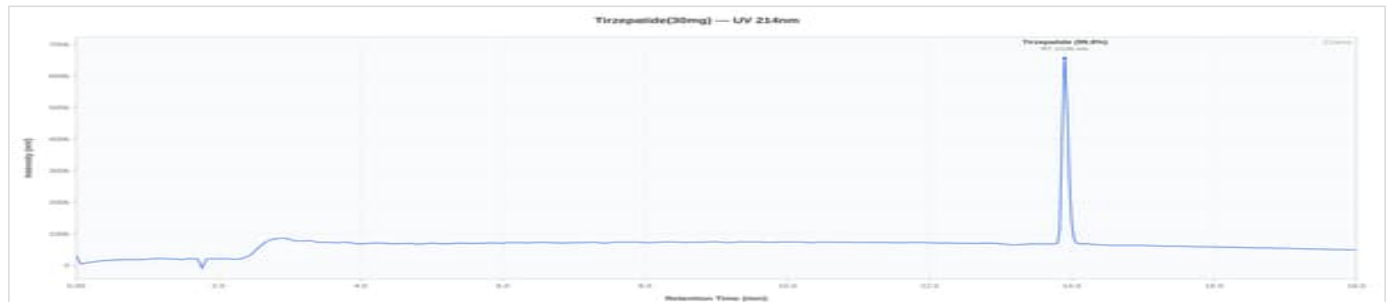
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.90%	%	PASS
Net Peptide Content	Report Only	30.77	mg	N/A
Identity (HPLC-RTM)	Tirzepatide	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



Tirzepatide 30mg - TZ26-02

HPLC Chromatogram



Representative chromatogram, Dedicated V0

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	Not Detected	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	0.0989 ppm	ppm	PASS
Lead (Pb)	<= 1.0 ppm	Not Detected	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	Not Detected	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	Not Detected	ppm	PASS



Handwritten signature

Dr. Greg Kalyuzhny
Lab Director
7/9/2026

COA #: COA-2026-GN_36L
Access Code: WPM777X6
Verify: portal.ils-lab.com/verify/nUwf_olvEdLfUmLQ
Issued: 7/9/2026

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.79%	30.78 mg	Confirmed	PASS
Conformity V1	99.90%	30.77 mg	Confirmed	PASS
Mean	99.84%	30.77 mg	—	—
Std Dev	0.0550%	0.0050 mg	—	—

Sterility Testing (PCR)

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

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: 07/09/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be Tirzepatide by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
4. 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.
5. Chromatogram shown is representative: Dedicated V0 (99.79% purity, closest to batch mean of 99.84%).