

ILS Laboratories

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Tirzepatide - 15mg

Tested for: LifeGen Labs
LifeGenLabs.com

PASS

COA #: COA-2026-NMAGEC
Lot Number: 2042
Accession #: ACC-2026-8419
Labeled Content: 15mg

Analysis Date: 07/23/2026
Appearance: Good
Sample Matrix: Lyophilized
Volume: 3mL
Date Received: 07/07/2026



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

Method: Full QC Panel

Identity

Tirzepatide

Peptide Purity

99.35%

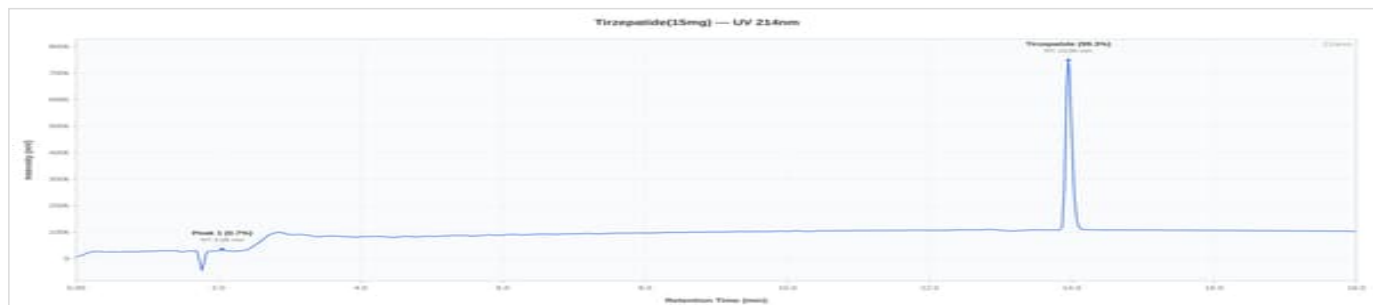


Fentanyl
Free

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.35%	%	PASS
Net Peptide Content	Report Only	15.36	mg	N/A
Identity (HPLC-RTM)	Tirzepatide	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Tirzepatide 15mg - 2042: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

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



Dr. Greg Kalyuzhny

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Lab Director
7/23/2026

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Verify: portal.ils-lab.com/verify/5KG4LHXrTR-XLAzr
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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>)	NMT .5 EU/mL	NMT 0.05 EU/mL	PASS

Acceptance criteria: NMT .5 EU/mL per client specification.

Notes & Methodology

1. Date Tested: 07/23/2026. 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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