

ILS Laboratories

8222 VickersSt, Suite 106, San Diego, CA 92111

(619) 329-3999 | ils-lab.com

## GLP2-Tirz - 30mg

Tested for: Peptalixlabs


**PASS**

COA #: **COA-2026-ZNN3K3**  
 Lot Number: **005-B-SM**  
 Accession #: **ACC-2026-3507**  
 Labeled Content: **30mg**

Method: **Full QC Panel**  
 Analysis Date: **06/09/2026**  
 Appearance: **Good**  
 Sample Matrix: **Lyophilized**  
 Date Received: **05/29/2026**



Scan to verify  
 authenticity at ils-lab.com  
 Access Code: EZBRQFS4

Identity <b>GLP2-Tirz</b>	Peptide Purity <b>99.82%</b>	 <b>Fentanyl Free</b>
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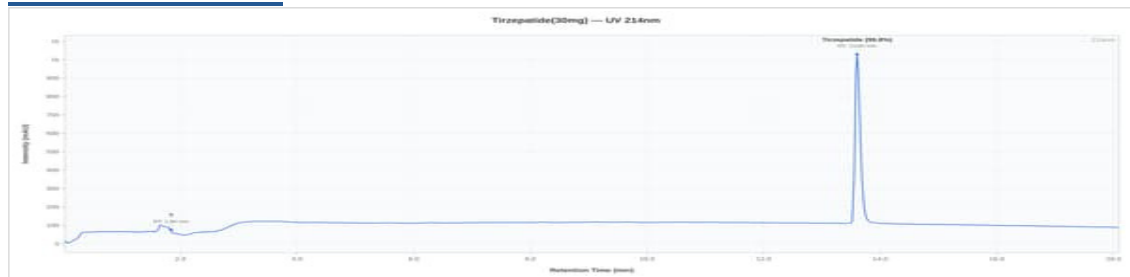


GLP2-Tirz 30mg - 005-B-SM

### Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	<b>99.82%</b>	%	<b>PASS</b>
Net Peptide Content	Report Only	<b>31.76</b>	mg	N/A
Identity (HPLC-RTM)	Tirzepatide	<b>Confirmed</b>	-	<b>PASS</b>
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	<b>Not Detected</b>	-	<b>PASS</b>

### HPLC Chromatogram



GLP2-Tirz 30mg - 005-B-SM: UV Chromatogram

### Heavy Metals Analysis (ICP-MS)

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

### Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	<b>No Growth</b>	<b>PASS</b>




**Dr. Greg Kalyuzhny**  
 Lab Director  
 6/9/2026

COA #: **COA-2026-ZNN3K3**  
 Access Code: **EZBRQFS4**  
 Verify: [portal.ils-lab.com/verify/Zw5E4TQsOvfX7tFP](https://portal.ils-lab.com/verify/Zw5E4TQsOvfX7tFP)  
 Issued: 6/9/2026

**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: 06/09/2026. Methods: Full QC Panel.
2. The sample was confirmed to be GLP2-Tirz 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.



**Dr. Greg Kalyuzhny**  
Lab Director  
6/9/2026

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