



Client:	Rlyn Research
Accession #:	2609010614
Search Code:	Rlyn2609010614
Received:	9/1/2026
Reported:	9/4/2026
Lot:	TR30-7436

Sample Summary

Product:	Tirzepatide 30mg	Purity:	99.91%
Identity:	Confirmed	Net Content:	38.68 mg
Appearance:	White Lyophilized Powder		
Endotoxin Threshold:	Pass		
Microbial Analysis (PCR):	Pass		
Elemental Impurities (ICP-MS):	Pass		
As Cd Pb Hg			

Analytical Results

Test	Result
Identity (LC-MS)	GLP TZ
Purity (HPLC-UV)	99.91%
Elemental Impurities (ICP-MS):	Pass — Arsenic, Cadmium, Lead, and Mercury below reporting/specification limits
Net Content	38.68 mg

Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

Endotoxin Replicate 1:	Pass	Assay Sensitivity: 50.05 EU/mL
Endotoxin Replicate 2:	Pass	Assay Sensitivity: 50.05 EU/mL

Method: Microbial detection performed using validated polymerase chain reaction (PCR)-based assay targeting common microbial contaminants.

Microbial Analysis (PCR)	No Detectable Microbial DNA
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Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation

