



CLIENT & SAMPLE INFORMATION

Client

Peptide Partners

Analysis Date

07/16/2026

Product Name

Tirzepatide

Strength

40mg

Lot / Batch

TZ2608

Condition as Received

Sealed injectable vial

This report summarizes microbial growth screening performed on the submitted sample using the BacT ALERT automated microbial detection system. The test is designed to screen for detectable microbial growth under the conditions of the method used. This report applies only to the submitted sample as tested and does not certify sterility of the entire batch lot or product line.

TEST METHODOLOGY

Test Performed

14 Day Microbial Growth Screening

Culture System

Aerobic and anaerobic culture bottles

Incubation Period

14 days

Detection Principle

Colorimetric CO₂ detection

Sample Requirement

1 vial (destructive)

TEST RESULTS

Parameter	Result
Aerobic microbial growth	No Growth
Anaerobic microbial growth	No growth detected
Final Determination	No microbial growth detected during the 14 day incubation period

METHOD OVERVIEW

The submitted sample was aseptically introduced into BacT ALERT culture bottles designed to support microbial growth detection. The BacT ALERT system continuously monitors each bottle during incubation. If microorganisms are present and grow, they may produce carbon dioxide (CO₂) which interacts with the colorimetric sensor in the bottle; the instrument detects this change photometrically. If growth is detected, the system automatically flags the bottle as positive and records the time to detection. If no growth is detected during the full incubation period, the final result is reported as no microbial growth detected.

INTERPRETATION

No microbial growth was detected in the submitted sample during the 14 day BacT ALERT incubation period. This result indicates that no detectable microbial growth was observed under the conditions of this screening method. This result should not be interpreted as a guarantee of sterility for the entire batch lot or product line.

