

Product Quality Report

Product: Tirzepatide (40 mg Research Kit)

Batch No: TZ-2403-B

Report Date: 18 June 2026

Methods: HPLC, ESI-MS, USP

TEST PARAMETER	SPECIFICATION	RESULT	STATUS
Appearance	White to off-white	White lyophilised	PASS
Purity (HPLC)	≥99.0%	99.7%	PASS
Peptide Content	≥95% of label	40.0 mg	PASS
Identity (ESI-MS)	MW ±2 Da	Confirmed	PASS
pH (1% soln)	4.5 – 6.5	5.4	PASS
Endotoxin	<1.0 EU/mg	<0.5 EU/mg	PASS
Residual Solvents	<0.5%	<0.1%	PASS
Water (KF)	<3.0%	1.2%	PASS

Conclusion: Meets established specifications for research-grade material.

APPROVED FOR RESEARCH USE

Verification: TZ-2403-B-QA-2026

Alluvi Quality Assurance

Cert #TZ-2403-B-C1005

This certificate applies to batch TZ-2403-B only. Storage: -20°C. For research and development purposes only. Not for human or veterinary use.