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SCAN TO VERIFY
COA-2026-SC-02084
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CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

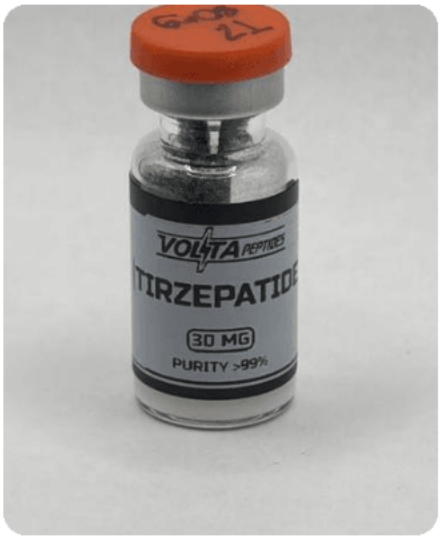
Tirzepatide

30 mg

Client: **Volta Peptides Ltd: https://voltapeptides.com/**
LAB ID TIR-069_D ISSUED SEPTEMBER 16, 2026

§ 01 Sample Information

Sample ID:	**TIR-069_D**
Compound:	**Tirzepatide**
Report No.:	**COA-2026-SC-02084**
Lot Number:	**VPTR30100**
Total Mass:	**163.7 mg**
Appearance:	**Lyophilized powder**
Received:	**09/01/2026**
Analyzed:	**09/16/2026**
CAS:	**2023788-19-2**
Formula:	**$C_{225}H_{348}N_{48}O_{68}$**
Mol Weight:	**4813.5 g/mol**



SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)
Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ

IDENTITY	NET PEPTIDE CONTENT	PEPTIDE FILL ACCURACY	CHROMATOGRAPHIC PURITY
Tirzepatide	**38.05 mg**	**126.8 %**	**99.8 %**
Principal component confirmed against reference standard	Total peptide in the vial as received	Measured net content ÷ declared label claim	Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 963.9 › 136.1 (quantifier); retention time —: in agreement with reference standard.

Chromatographic purity bounds peptide-related impurities only — not excipients, counter-ions, or residual water — and is separate from net peptide content. Values are reported as measured; this document contains **no pass/fail determination** against any specification or label claim.

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