

CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

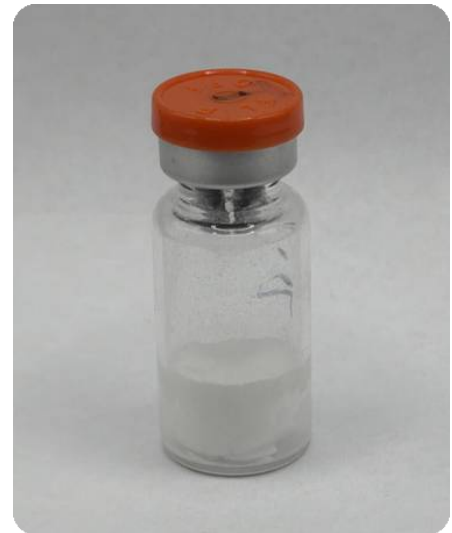
Tirzepatide

30 mg

LAB ID TIR-050_D ISSUED SEPTEMBER 2, 2026 PREPARED FOR PEPTAURA ORDER

§ 01 Sample Information

Sample ID: **TIR-050_D**
Compound: **Tirzepatide**
Report No.: **COA-2026-SC-01543**
Lot Number: **Tirz PPA-MB-T30-18130513**
Total Mass: **91.1 mg**
Appearance: **Lyophilized powder**
Received: **08/25/2026**
Analyzed: **09/02/2026**
CAS: **2023788-19-2**
Formula: **C₂₂₅H₃₄₈N₄₈O₆₈**
Mol Weight: **4814.6 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

Tirzepatide

Principal component confirmed against reference standard

NET PEPTIDE CONTENT

35.63 mg

Total peptide in the vial as received

PEPTIDE FILL ACCURACY

118.8 %

Measured net content ÷ declared label claim

CHROMATOGRAPHIC PURITY

99.8 %

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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SCAN TO VERIFY
COA-2026-SC-01543
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