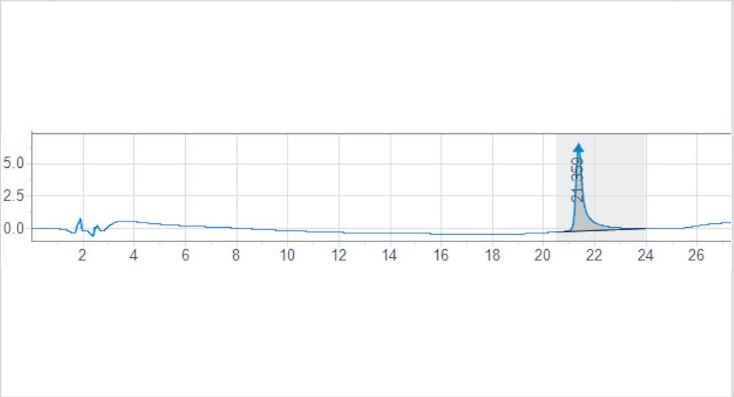
**PacifiCOAnalytics**
INDEPENDENT LABORATORY · BRITISH COLUMBIA

# *Certificate of Analysis*
Analytical Testing Report

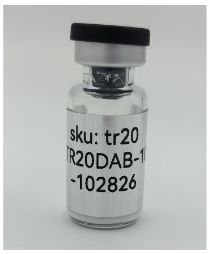
REPORT ID: PCA-2026-774580
GENERATED: SMP-2026-B58CBB
October 28, 2026

## SAMPLE IDENTIFICATION

| | | | |
|---|---|---|---|
| Peptide: | **TIRZEPATIDE 20** | Date Requested: | **October 28, 2026** |
| Client: | **Peptide Confidential** | Date Received in Lab: | **October 29, 2026** |
| Vendor: | **Not Specified** | Date Tested: | **November 13, 2026** |
| Lot Number: | **TR20DAB-1008-102826** | Date Reported: | **November 13, 2026** |
| Batch Number: | **Not Specified** | | |




| | |
|---|---|
| EXPECTED CONTENT | 20 mg |
| MASS | 21.05 mg |
| PURITY | 99.41% |
| FILL ACCURACY | 105.3% |






| | |
|---|---|
| Appearance | White lyophilized powder |
| Cap Color | Black |

## ANALYTICAL RESULTS

| | TEST | METHOD | RESULT | STATUS |
|---|---|---|---|---|
| 1 | **Peptide Identity** | FTIR-ATR | Sample infrared spectrum consistent with reference standard with excipients | CONFORMS |
| 2 | **Purity** | HPLC-DAD | Main Peak 99.41% RT 21.35 min | CONFORMS |
| 3 | **Net Content** | HPLC assay | 21.05 mg net content quantified using calibrated HPLC against characterized standard | CONFORMS |
| 4 | **Orthogonal Verification** | CE-UV · UV-Vis | Migration time and spectrum consistent with reference standard | CONFORMS |

## NOTES

RP-HPLC-DAD Restek Viva C18 150 x 3.0mm 5µm A: 0.1% FA in H2O B: 0.1% FA in ACN 1.0 mL/min 5-60% B @ 40 C Full Spectrum of Main Peak

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Digital Verification

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