Peptide Test Canada
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Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY
PTC-VCNND8YS

Sample ID: **TIR-118**

REPORTED October 17, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify
EMAIL info@peptidetestcanada.ca
ORDER # PTC-471748

END CUSTOMER

NAME The Peptide Society
Powered by Peptideology

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**TIR-118**	Received:	**10/07/2026**
Compound:	**Tirzepatide**	Analyzed:	**10/17/2026**
Report No.:	**COA-2026-SC-03076**	CAS:	**2023788-19-2**
Lot Number:	**TR20**	Formula:	**$C_{225}H_{348}N_{48}O_{68}$**
Appearance:	**Lyophilized powder**	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)

	SPECIFICATION	RESULT
Compound Test:	Tirzepatide	**Tirzepatide**
Net Peptide Content:	20.00 mg	**24.77 mg**
Peptide Fill Accuracy:	≥ 90 %	**123.8 %**
Chromatographic Purity:	≥ 98 %	**99.6 %**

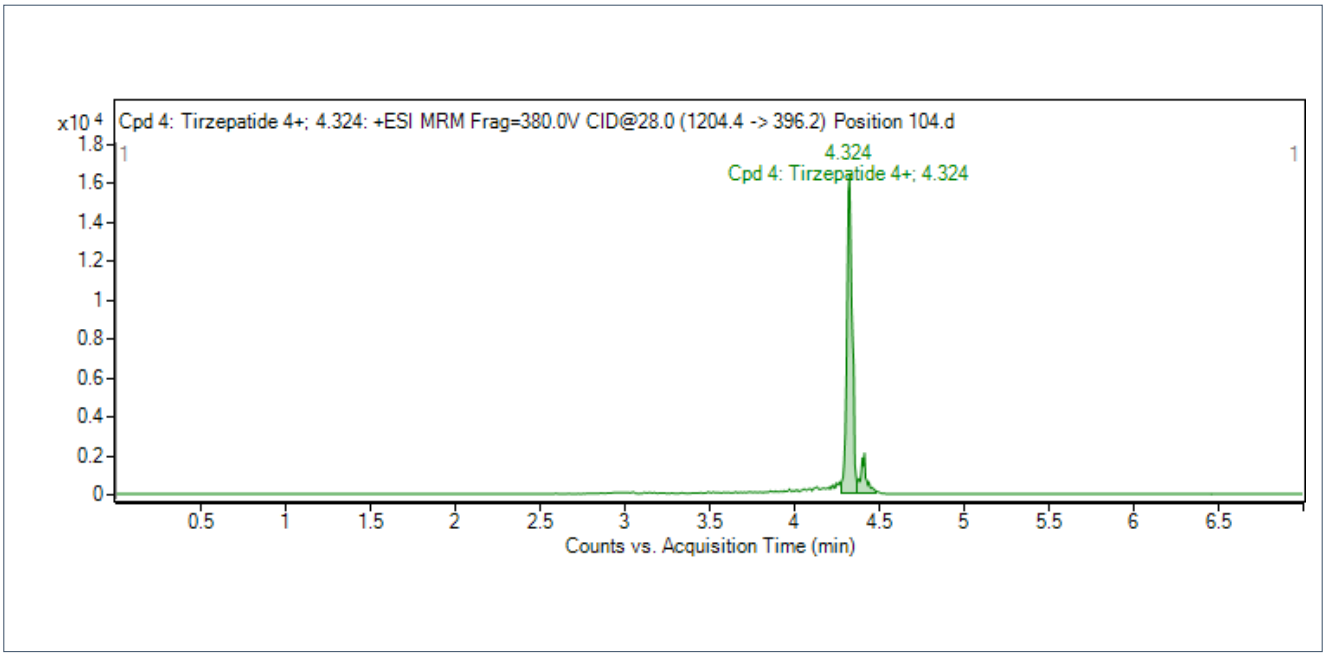
Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). **—** means not determined.

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§ 03 Chromatogram — Tirzepatide

Instrument acquisition — HPLC-MS/MS (MRM). Chromatographic trace as acquired for this sample.



Tirzepatide