Peptide Test Canada
peptidetestcanada.ca
Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY

PTC-JX6VB47C

Lab ID: **TIR-052**

REPORTED September 4, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify

EMAIL info@peptidetestcanada.ca

ORDER # PTC-753742

END CUSTOMER

NAME Peptix Canada , website https://peptixcanada.ca/

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**TIR-052**	Received:	**08/26/2026**
Compound:	**Tirzepatide**	Analyzed:	**09/04/2026**
Report No.:	**COA-2026-SC-01526**	CAS:	**2023788-19-2**
Lot Number:	**PTX-028**	Formula:	**$C_{225}H_{348}N_{48}O_{68}$**
Total Mass:	**81.5 mg**	Mol Weight:	**4814.6 g/mol**
Appearance:	**Lyophilized powder**		

SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	Tirzepatide	**Tirzepatide**	
Net Peptide Content:	20.00 mg	**13.02 mg**	
Peptide Fill Accuracy:	≥ 90 %	**65.1 %**	**PASS**
Chromatographic Purity:	≥ 98 %	**99.5 %**	

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.

§ 03 HPLC-MS/MS Detail

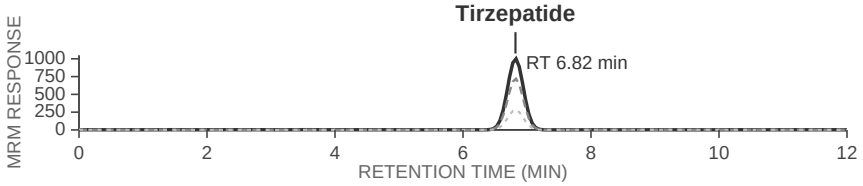
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+5H]5+

963.90 Da

Quantifier transition ● MRM

963.90 › 136.10 CE 28 V



ROLE	TRANSITION	CE
● Quantifier	963.9 › 136.1	28 V
■ Qualifier	963.9 › 110.1	33 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 µm · Solvent A: 0.1 % formic acid in H_2O · Solvent B: 0.1 % formic acid in Acetonitrile

DISCLAIMER · RESEARCH USE ONLY

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