

Certificate of Analysis

Lab ID: **RET-553**

REPORTED September 17, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify

EMAIL info@peptidetestcanada.ca

ORDER # PTC-807994

SCAN TO VERIFY



PTC-47JUHHNU

END CUSTOMER

NAME Northern Tides Peptides

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	RET-553	Received:	09/04/2026
Compound:	Retatrutide	Analyzed:	09/17/2026
Report No.:	COA-2026-SC-02335	CAS:	2381089-83-2
Lot Number:	NT-RETA-20260901-A	Formula:	C₂₂₁H₃₄₂N₄₆O₆₈
Total Mass:	109.2 mg	Mol Weight:	4731.3 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:	Retatrutide	Retatrutide	
Net Peptide Content:	10.00 mg	9.26 mg	
Peptide Fill Accuracy:	≥ 90 %	92.6 %	PASS
Chromatographic Purity:	≥ 98 %	99.8 %	

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

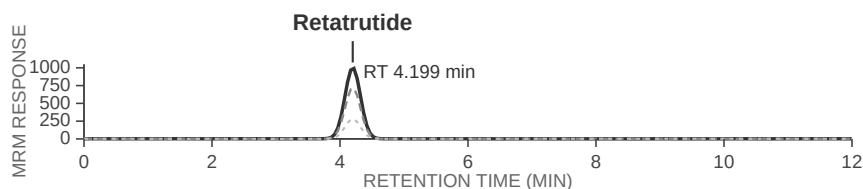
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+5H]⁵⁺

947.90 Da

Quantifier transition ● MRM

947.90 > 136.10 CE 30 V



ROLE	TRANSITION	CE
● Quantifier	947.9 > 136.1	30 V
■ Qualifier	947.9 > 110.1	35 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 μm · Solvent A: 0.1 % formic acid in H₂O · Solvent B: 0.1 % formic acid in Acetonitrile

DISCLAIMER · RESEARCH USE ONLY

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