



Certificate of Analysis

Analytical Testing Report · Retatrutide

SAMPLE IDENTIFICATION

Analyte †	Retatrutide	Date requested	—
Client	Pure North Peptides	Date received	4 Sep 2026
Vendor / brand †	purenorthpeptides.com	Date tested	9 Sep 2026
Lot number †	PNP-RTT-2706	Date reported	12 Sep 2026
Molecular formula	C221H342N46O68	Sample ID	SAMPLE-RETA-091226
Theoretical mass	4731.33 g/mol	Quantity received †	One sealed vial, lyophilized
Condition on receipt	Intact and sealed on arrival, label legible.		

† Client-declared information. Results apply to the sample tested. Full reporting statements accompany the online verification record.

HPLC-UV PURITY & CONTENT ANALYSIS

METHOD · RP-HPLC-UV 220 NM · SPEC ≥ 98.0%

Expected content †
LABEL CLAIM

20.00 mg

Mass
SAMPLE AS RECEIVED

20.24 mg

Purity
HPLC AREA PURITY

99.31%

Fill accuracy
MASS OVER LABEL CLAIM

101.2%



Fig. 1 · Product photograph

APPEARANCE

Appearance	White lyophilized powder
Cap colour	Blue

PURITY CONFORMS

Measured against the client-supplied specification ≥ 98.0% for area purity, the material described above meets that specification. Decision rule: simple acceptance, the acceptance limit equal to the specification limit, no guard band applied. Conformity applies to that specification only.

DETECTION
220 nm

FLOW RATE
1.0 mL/min

COLUMN
C18, 4.6 x 150 mm, 5 µm

INJECTION
20 µL

MOBILE PHASE
Water / acetonitrile, 0.1% TFA

RUN TIME
25 min

GRADIENT
5 to 65% B over 20 min

INTEGRATION
Area % of total response

Content calibrated against Retatrutide working standard, qualified in house. Calculation basis: As received, uncorrected for water and counter-ion content.

AUTHORISATION CONTROLLED CERTIFICATE RECORD

Canada Peptide Testing
RECORD ENTRY

Canada Peptide Testing
CERTIFICATE RELEASE
2026-09-12

Verify this certificate

Scan for the current certificate, signed results and reporting statements.

canadapeptidetesting.com/certificates/CPT-RETA-20-091226

Record a51695438ec62038329ac9e4 · signing key k1

Verification key OTA680CR3BAV



SCAN TO VERIFY