

Certificate of Analysis

Analytical Testing Report · SS-31

SAMPLE IDENTIFICATION

Analyte †	SS-31	Date requested	—
Client	Pure North Peptides	Date received	4 Sep 2026
Vendor / brand †	purenorthpeptides.com	Date tested	9 Sep 2026
Assigned reference †	PNP-SS31-1002	Date reported	12 Sep 2026
Molecular formula	C32H49N9O5	Sample ID	SAMPLE-SS31-091226
Theoretical mass	639.79 g/mol	Quantity received †	One sealed vial, lyophilized
Condition on receipt	Intact and sealed on arrival, label legible.		

Chemical reference · Elamipretide (SS-31) · CAS 736992-21-5. Free peptide reference; average molar mass excludes counter-ions and water. Source: [NCATS GSRS, 87GWG91S09](#).

† 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 **10.00 mg**

Mass
SAMPLE AS RECEIVED **10.28 mg**

Purity
HPLC AREA PURITY **99.46%**

Fill accuracy
MASS OVER LABEL CLAIM **102.8%**



Fig. 1 · Product photograph

APPEARANCE

Appearance	White lyophilized powder
Cap colour	Blue

PURITY CONFORMS Client-supplied specification ≥ 98.0% for area purity: this sample meets that specification. Simple acceptance; no guard band. Applies to this specification only.

DETECTION 220 nm	COLUMN C18, 4.6 x 150 mm, 5 µm	MOBILE PHASE Water / acetonitrile, 0.1% TFA	GRADIENT 5 to 65% B over 20 min
FLOW RATE 1.0 mL/min	INJECTION 20 µL	RUN TIME 25 min	INTEGRATION Area % of total response

Content calibrated against SS-31 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
2026-09-15

Verify this certificate

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

canadapeptidetesting.com/certificates/CPT-SS31-10-091226

Record 9dcdfaf3d303e06ead04d7af · signing key k1

Verification key XAYB4DRW04X9



SCAN TO VERIFY