# SS-31

Certificate of Analysis & Complete Test Results

✓ VERIFIED & CERTIFIED

TEST DATE

Feb 13, 2026

BATCH NUMBER

110093

PURITY LEVEL

99.57%

# Certificate of Analysis

High-Performance Liquid Chromatography

Client:

**Peptides Canada**

Sample Name:

**SS-31**

Batch #:

**110093**

Report Date:

**02/14/2026**

Test:

**Purity**

Receipt Date:

**02/12/2026**

Analysis Date:

**02/13/2026**

Matrix:

**Powder**

Number of samples:

**1**

## Purity: 99.57%

Research-grade specification: ≥95.0% — this batch exceeds specification.

| | | | |
|---|---|---|---|
| **Date File** | 110093_MS2_posneg_SS-31_Lot110093_purity.d | **Sample Name** | SS-31_Lot110093_purity |
| **Sample Type** | Sample | **Position** | P3-48 |
| **Instrument Name** | LCMS-7800 Series | **Username** | - |
| **Acq Method** | SS31_purity_10mg.m | **Acquired** | 02/13/2026 04:25:00 PM |
| **IRM Calibration Status** | Calibrated | **Time** | (UTC-07:00) |
| **Comment** | Sample test for purity of SS-31 batch 110093 | **DA Method** | SignalToNoiseCheckout.m |
| **Sample Group** | Test Batch 5 | **Info.** | - |
| **Stream Name** | LC1 | **Acquisition** | 02/13/2026 04:25:00 PM |
| **Acquisition SW Version** | 6400 Series Triple Quadrupole B.09.00 (89037.0) | **Time (Local)** | (UTC-07:00) |

## Peak List

| Time | Area | % Area |
|---|---|---|
| 3.37 min | 6894.6 | 99.57 % |
| 5.22 min | 29.7 | 0.43 % |

*** determined as SS-31 based on retention time**

**Note:** Percent area between two compounds is not quantitative due to variable extinction coefficients.

## Test Screen

### UV Chromatogram:

**Identity: SS-31**

(Other names: Elamipretide, MTP-131, Bendavia)

**CAS:** 736992-21-5

### Data

*Mass Spectrum*

### MSMS ID — head to tail database matching

Mass Spectrum Peptide Envelope encompasses the 2-5 positive change states conferring Peptide Mass

**SS-31**

Expected Mass: 639.8

Observed Mass: 639.8

Reviewed and approved by:

Herman Lelie

Pepslab.ca LLC. All test results are the responsibility of the client. This report relates only to the samples tested. The analyses were performed except as indicated. Samples are within quality control criteria and area specifications unless noted.