# HGH 191AA

Certificate of Analysis & Complete Test Results

✓ VERIFIED & CERTIFIED

TEST DATE

Feb 24, 2026

BATCH NUMBER

122215

PURITY LEVEL

99.12%

# Certificate of Analysis

High-Performance Liquid Chromatography

Client:

**Peptides Canada**

Sample Name:

**HGH 191AA (Somatropin)**

Batch #:

**122215**

Report Date:

**02/25/2026**

Test:

**Purity**

Receipt Date:

**02/23/2026**

Analysis Date:

**02/24/2026**

Matrix:

**Powder**

Number of samples:

**1**

## Purity: 99.12%

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

| | | | |
|---|---|---|---|
| **Date File** | 122215_MS2_posneg_HGH_191AA_Lot122215_purity.d | **Sample Name** | HGH_191AA_Lot122215_purity |
| **Sample Type** | Sample | **Position** | P7-15 |
| **Instrument Name** | LCMS-7800 Series | **Username** | - |
| **Acq Method** | HGH191AA_purity_10mg.m | **Acquired** | 02/24/2026 09:28:45 AM |
| **IRM Calibration Status** | Calibrated | **Time** | (UTC-07:00) |
| **Comment** | Sample test for purity of HGH 191AA batch 122215 | **DA Method** | SignalToNoiseCheckout.m |
| **Sample Group** | Test Batch 3 | **Info.** | - |
| **Stream Name** | LC1 | **Acquisition** | 02/24/2026 09:28:45 AM |
| **Acquisition SW Version** | 6400 Series Triple Quadrupole B.09.00 (89037.0) | **Time (Local)** | (UTC-07:00) |

## Peak List

| Time | Area | % Area |
|---|---|---|
| 7.64 min | 10847.2 | 99.12 % |
| 9.21 min | 96.4 | 0.88 % |

*** determined as HGH 191AA based on retention time**

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

## Test Screen

### UV Chromatogram:

**Identity: HGH 191AA**

(Other names: Human Growth Hormone - 191 Amino Acids, Somatropin)

**CAS:** 12629-01-5

### Data

*Mass Spectrum*

### MSMS ID — head to tail database matching

Mass Spectrum Protein Envelope encompasses the 6-12 positive change states conferring Peptide Mass

**HGH 191AA**

Expected Mass: 22,124.6

Observed Mass: 22125.1

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.