PROOF OF AUTHENTICITY

MZ Biolabs
2102 N Country Club Rd
Tucson, AZ 85716
contact@mzbiolabs.com
www.mzbiolabs.com

# Certificate of Analysis

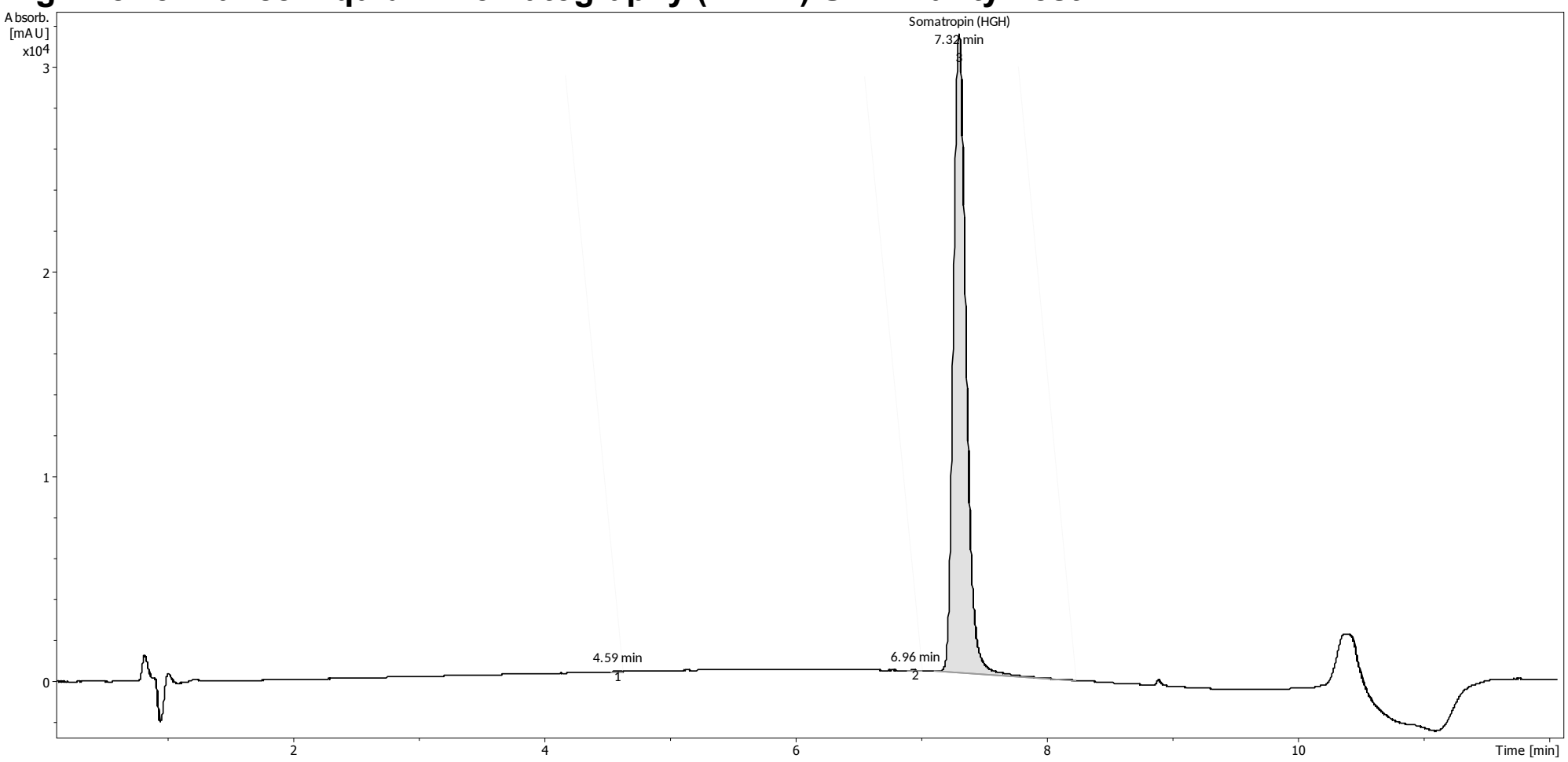
## Human Growth Hormone 10IU

Somatropin, 191 amino acids

| | | |
|---|---|---|
| **Compound** | : | **HGH** |
| **Lot number** | : | **3721049586** |
| **Analysis date** | : | **2026-02-12** |
| **Purity %** | : | **99.91%** |
| **Method** | : | **HPLC-UV-MS** |

**Client :** **Evolve Peptides**
**support@evolvepeptides.com**
**www.evolvepeptides.com**

## High Performance Liquid Chromatography (HPLC) UV – Purity Test




HGH_10IU_2026-02-02_2-A,8_1_20036.d: UV Chromatogram, 209.9-290.1 nm

PEAK LIST — Number of detected peaks: 3

| | Time (min) | Area | %Area | |
|---|---|---|---|---|
| 1 | 4.59 | 9.37E+01 | 0.04 | |
| 2 | 6.96 | 1.08E+02 | 0.05 | |
| 3 | **7.32** | **2.22E+05** | **99.91** | **HGH** |

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com

2026-02-20

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers.
These are not normally detected using UV and are not considered impurities.

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# Human Growth Hormone  10IU

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## Mass Spectrometry (MS) – Identity Test

**Identity confirmed using HPLC-MS**
Molecular weight calculated using base peak m/z values from mass spectrum
Expected average mass : 22124.00 Da
Measured base peak mass : 22124.00 Da
**Molecular weight confirmed**

Note : The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum




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