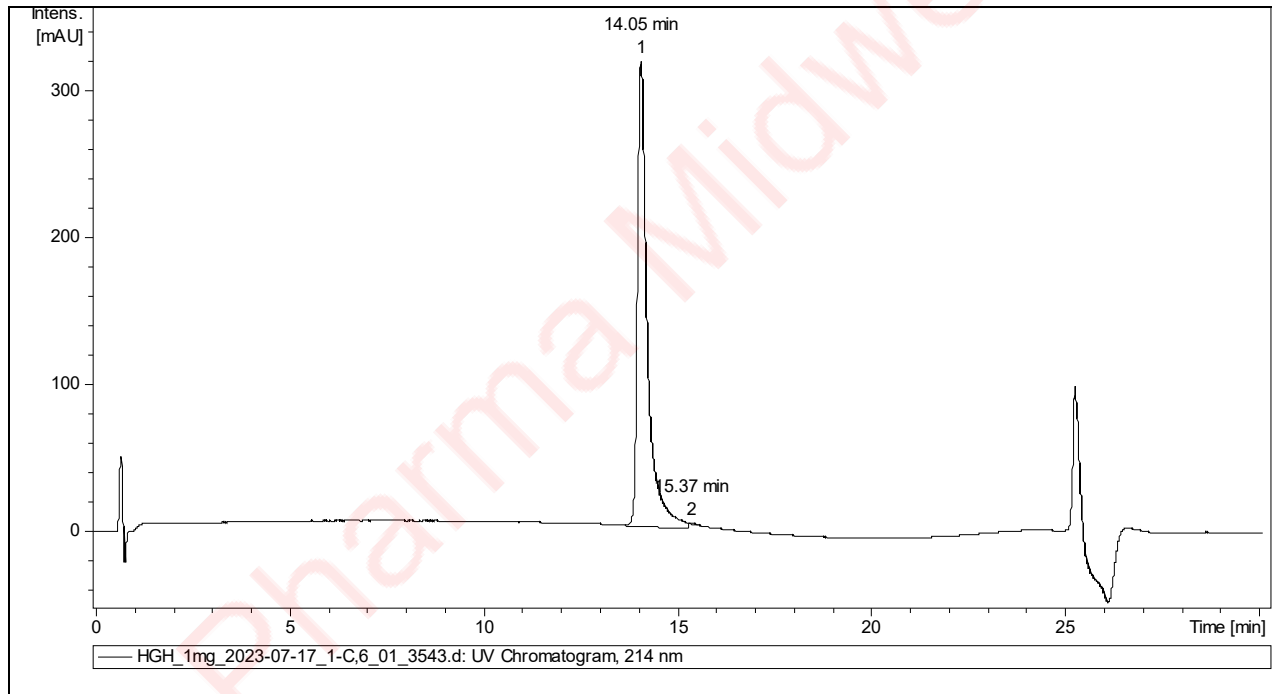


# Certificate of Analysis

## Human Growth Hormone

Somatropin, 191 amino acids

**Compound** : HGH **Client** : Pharma Midwest  
**Lot number** : 2203-07-17 <https://pharmamidwest.com/>  
**Analysis date** : 2023-08-07  
**Purity %** : 99.8%  
**Method** : Mass Spectrometry and UV



PEAK LIST		Number of detected peaks: 2	
Time (min)	Area	%Area	
14.05	5.67E+03	99.8	HGH
15.37	1.01E+01	0.2	

Purity determined using UV detection  
 Peak identity confirmed by mass spectrum evaluation  
 Expected mass : 22124 g  
 Measured mass : 22125 g  
 Molecular weight confirmed

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.

Analysis Performed by  
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2023-08-08