

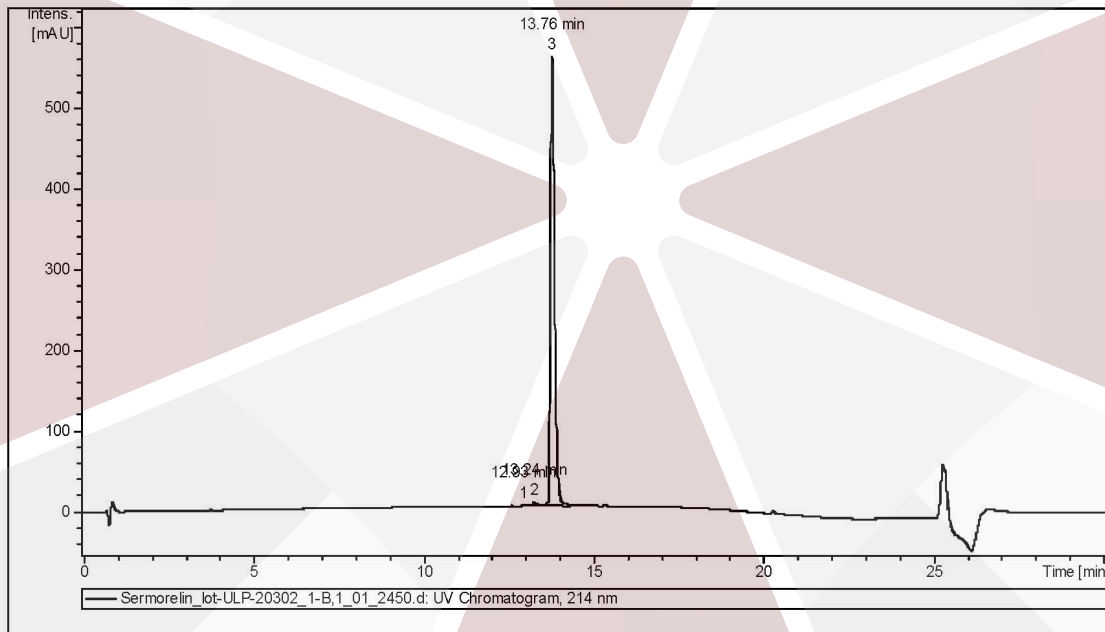
Certificate of Analysis

Sermorelin

H-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH2

Compound	: Sermorelin	Client	: UMBRELLA.us
Lot number	: ULP-20302		3280 E Hemisphere Loop
Analysis date	: 2023-04-04		Tucson, Arizona 85706
Purity %	: 99.2%		
Method	: Mass Spectrometry and UV		

PubChem CID: 16132413
<https://pubchem.ncbi.nlm.nih.gov/compound/16132413>



PEAK LIST	Number of detected peaks: 3		
Time (min)	Area	%Area	
12.93	5.04E+00	0.1	
13.24	3.40E+01	0.7	
13.76	4.85E+03	99.2	Sermorelin

Analysis Performed by
 Ken Pendarvis, ChE
 Analytical Chemist
 MZ Biolabs
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Purity determined using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 3355.82 g
 Measured mass : 3355.80 g
 Molecular weight check confirmed

Note: Injectable peptides 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.



2023-04-04