

# Certificate of Analysis

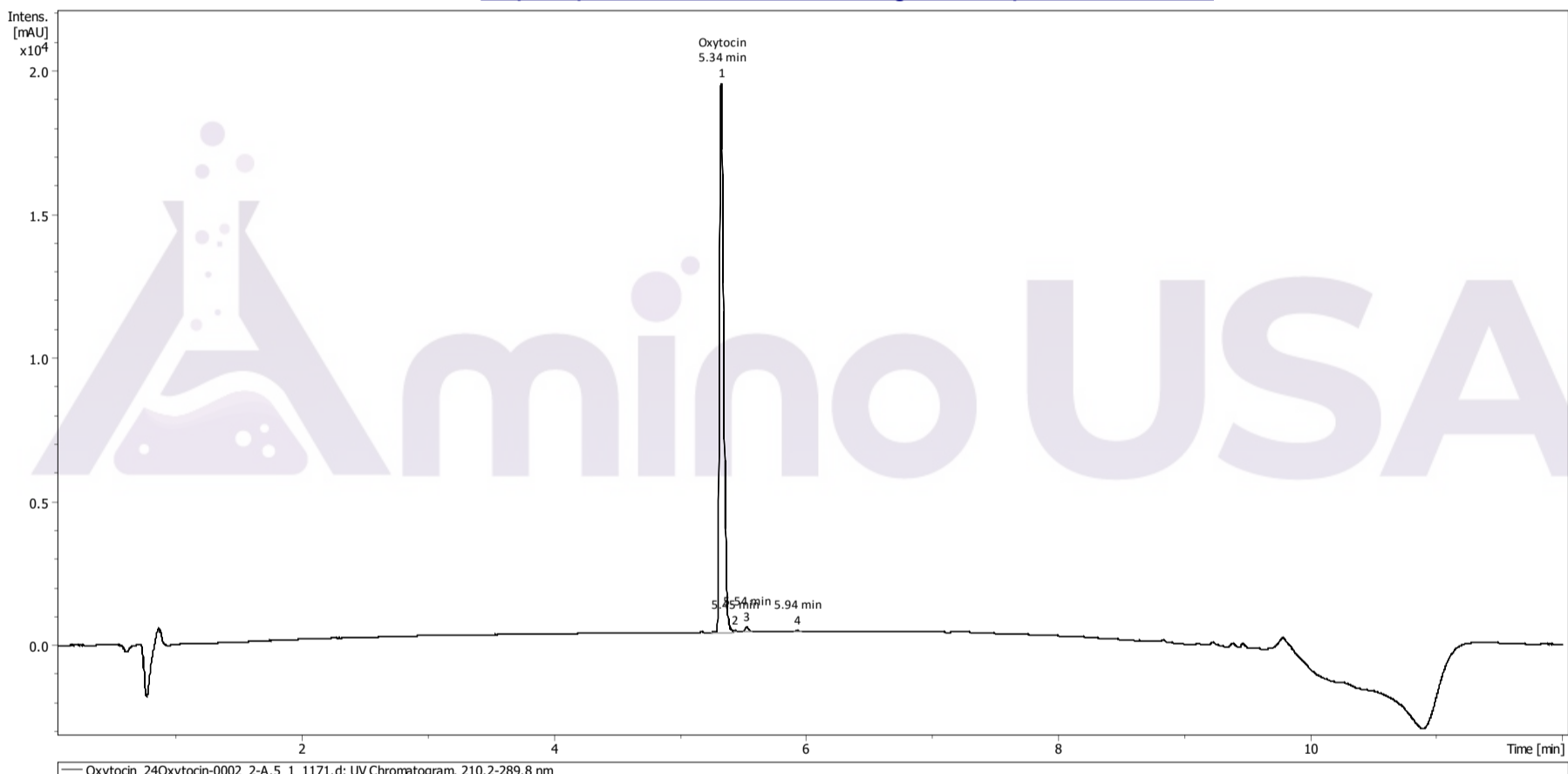
## Oxytocin 5 mg

H-Cys(1)-Tyr-Ile-Gln-Asn-Cys(1)-Pro-Leu-Gly-NH<sub>2</sub>

<b>Compound</b>	: <b>Oxytocin</b>	<b>Client</b>	: <b>Amino USA</b>
<b>Lot number</b>	: <b>24Oxytocin5-0002</b>		: <b>www.aminousa.com</b>
<b>Analysis date</b>	: <b>2024-03-16</b>		
<b>Purity %</b>	: <b>99.03%</b>		
<b>Method</b>	: <b>HPLC-UV-MS</b>		

PubChem CID: 439302

<https://pubchem.ncbi.nlm.nih.gov/compound/439302>




PEAK LIST		Number of detected peaks: 4		
	Time (min)	Area	%Area	
1	<b>5.34</b>	<b>4.47E+04</b>	<b>99.03</b>	<b>Oxytocin</b>
2	5.45	2.18E+01	0.05	
3	5.54	3.31E+02	0.73	
4	5.94	8.46E+01	0.19	

Purity determined using HPLC-UV  
 Peak identity confirmed by mass spectrum evaluation  
 Expected mass : 1006.43 g  
 Measured mass : 1006.44 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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