

Certificate of Analysis

Oxytocin

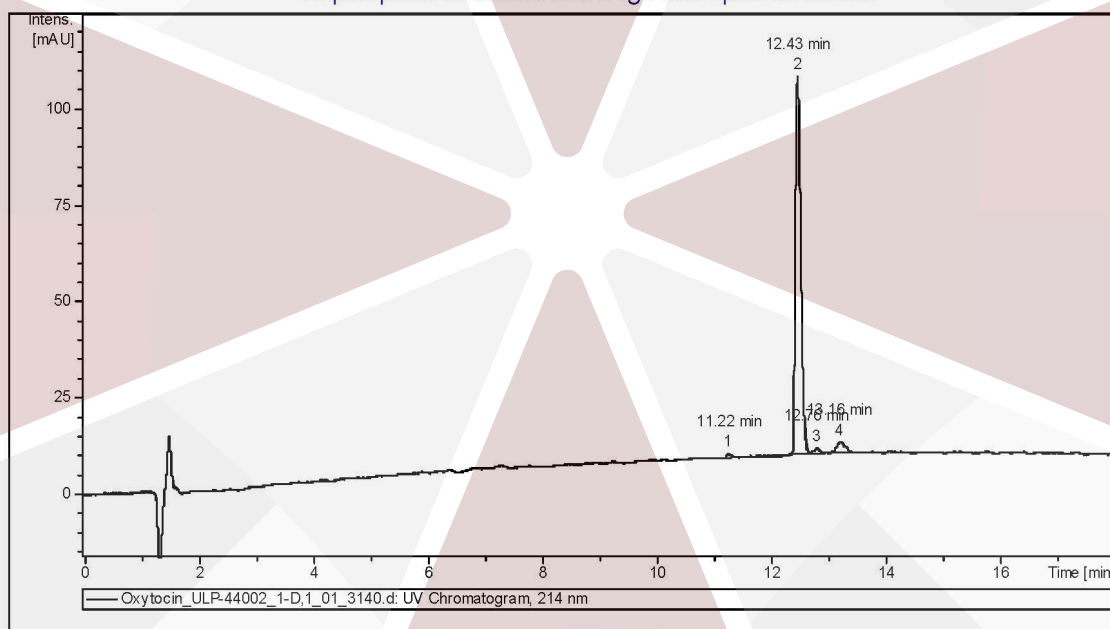
H-Cys(1)-Tyr-Ile-Gln-Asn-Cys(1)-Pro-Leu-Gly-NH₂

Compound : Oxytocin
Lot number : ULP-44002
Analysis date : 2023-06-08
Purity % : 94.0%
Method : Mass Spectrometry and UV

Client : UMBRELLA.us
3280 E Hemisphere Loop
Tucson, Arizona 85706

PubChem CID: 439302

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



PEAK LIST			
Number of detected peaks: 4			
Time (min)	Area	%Area	
11.22	4.97E+00	0.7	
12.43	6.44E+02	94.0	Oxytocin
12.76	8.80E+00	1.3	
13.16	2.77E+01	4.0	

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 1006.43 g
Measured mass : 1006.42 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
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com



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