MZ Biolabs
1635 E 18th St
Tucson, AZ 85719
contact@mzbiolabs.com
www.mzbiolabs.com

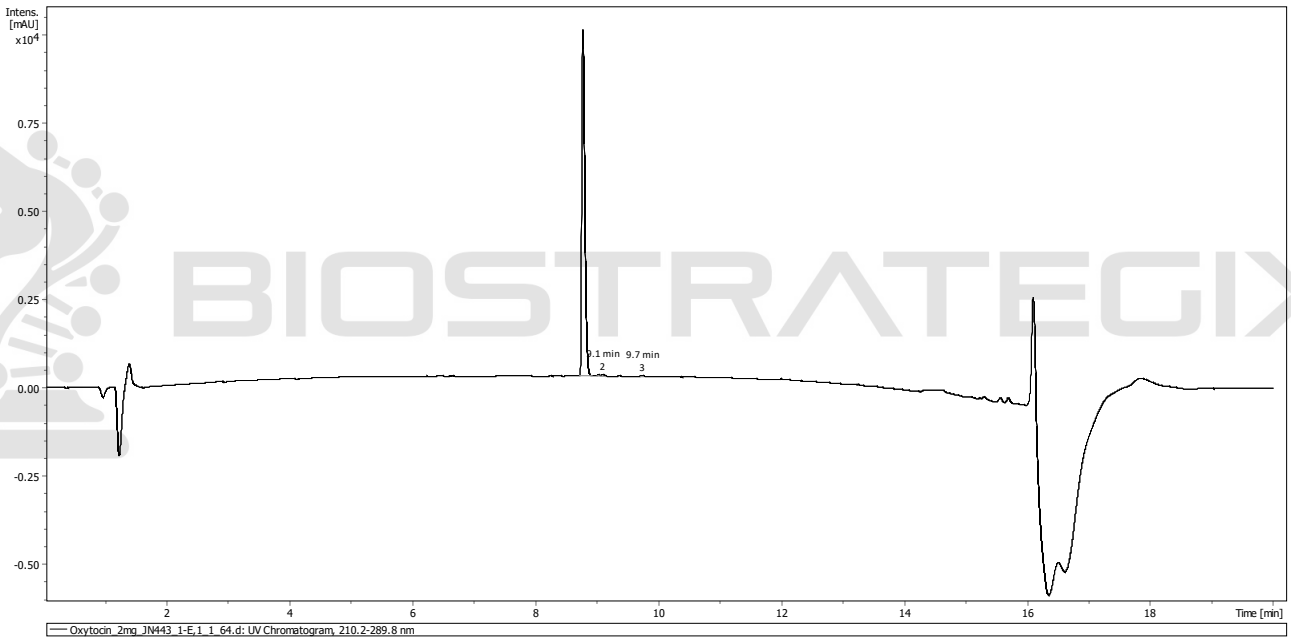
Certificate of Analysis

Oxytocin 2 mg

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

Compound	: **Oxytocin**	**Client :**	**Biostrategix**
Lot number	: **JN443**		**https://biostrategix.com/**
Analysis date	: **2024-01-30**		
Purity %	: **99.14%**		
Method	: **Mass Spectrometry and UV**		

PubChem CID: 439302
https://pubchem.ncbi.nlm.nih.gov/compound/439302



BIOSTRATEGIX

PEAK LIST Number of detected peaks: 3

	Time (min)	Area	%Area	
1	**8.80**	**3.33E+04**	**99.14**	**Oxytocin**
2	9.10	2.46E+02	0.73	
3	9.70	4.16E+01	0.12	

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

2024-01-31