MZ Biolabs
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Certificate of Analysis

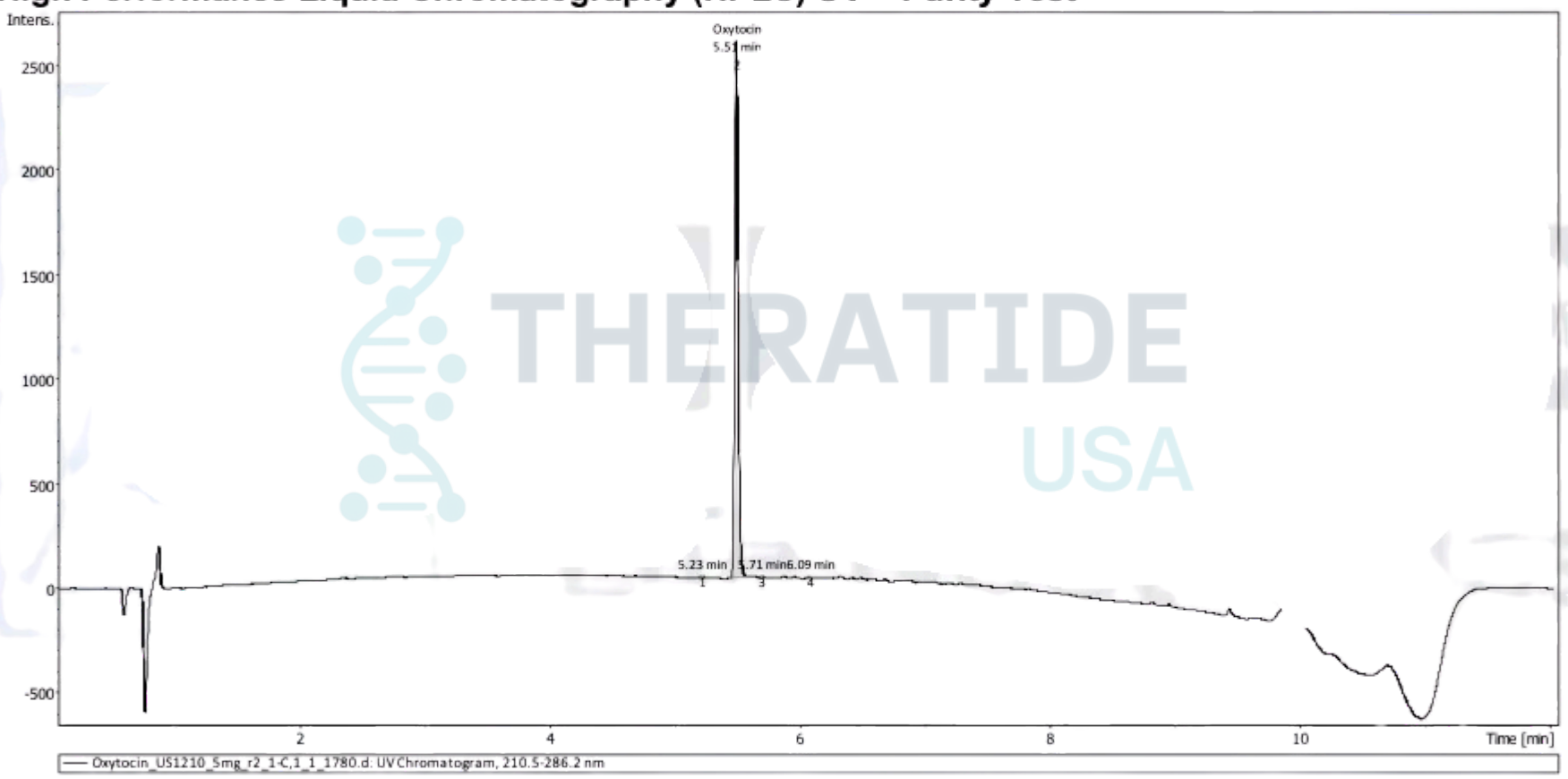
Oxytocin 10 mg

H-Cys(1)-Tyr-le-Gin-Asn-Cys(1)-Pro-Leu-Gly-NH2

Compound	: **Oxytocin**	**Client :** **Theratide USA**
Lot number	: **US1210 vial2**	https://www.theratideusa.com/
Analysis date	: **2025-01-07**	support@theratideusa.com
Purity %	: **99.25%**	
Method	: **HPLC-UV-MS**	

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

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST — Number of detected peaks: 4

	Time (min)	Area	%Area	
1	5.23	1.68E+01	0.33	
2	**5.51**	**5.02E+03**	**99.25**	**Oxytocin**
3	5.71	9.13E+00	0.18	
4	6.09	1.23E+01	0.24	

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
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2025-01-17

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.