

Lot Number: **DPS-4275312**
 Client Name: **Direct Peptides**
 Identity: **directpeptides.com**

Received Date: **02/21/2026**
 Analysis Conducted: **03/06/2026**
 Searchable via: **horizonanalytical.com**

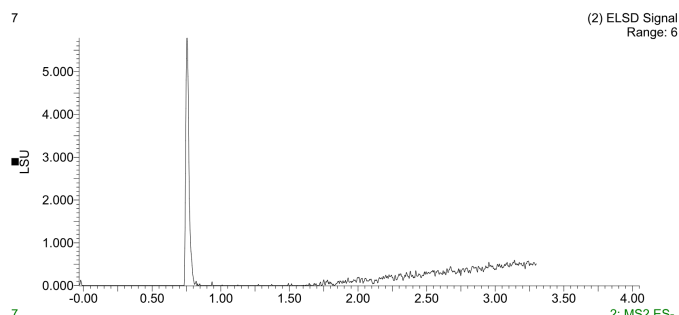
Compound:	Oxytocin
Lot:	DPS-4275312
Appearance:	White Lyophilized Powder

CAS:	50-56-6
Formula:	C ₄₃ H ₆₆ N ₁₂ O ₁₂ S ₂
Mol Weight:	~1007.193 g/mol

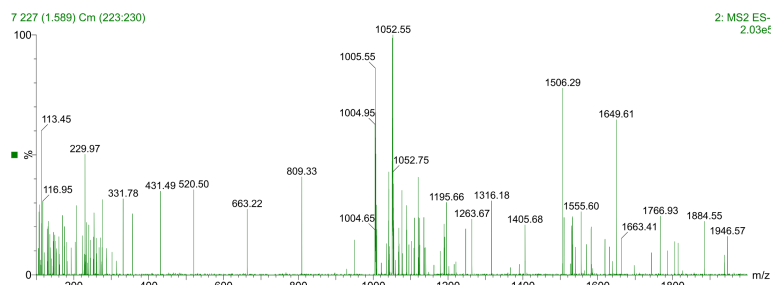
Pubchem CID: 439302

Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	Oxytocin	Oxytocin	
Quantity:	5mg	4.79mg	
Purity:	>98%	99.41%	



UPLC



MS

Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist

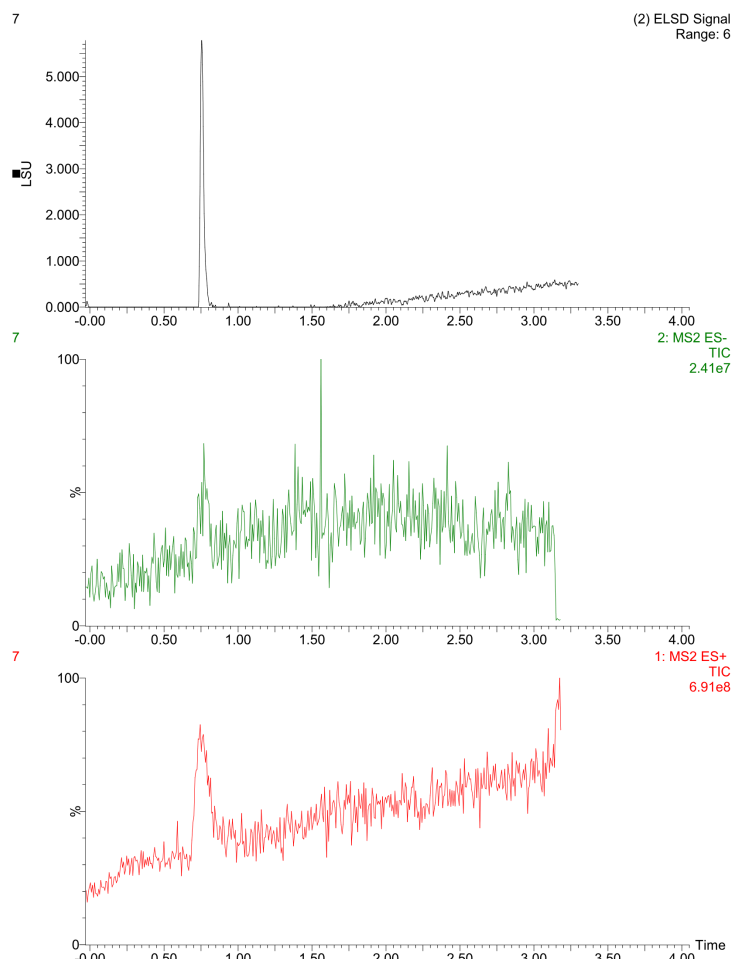


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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Oxytocin (5mg) • Pubchem CID: 439302
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

