Horizon Analytical

Certificate of Analysis

Lot Number: DPS-9220225
Brand / Distributed by: Peptide Confidential
Identity: http://peptideconfidential.com
Product Type: Lyophilized Vials

Analysis Date: 10/24/2026
Searchable via: horizonanalytical.com

Compound:	Oxytocin
Report Number:	1032358
Appearance:	White Lyophilized Powder

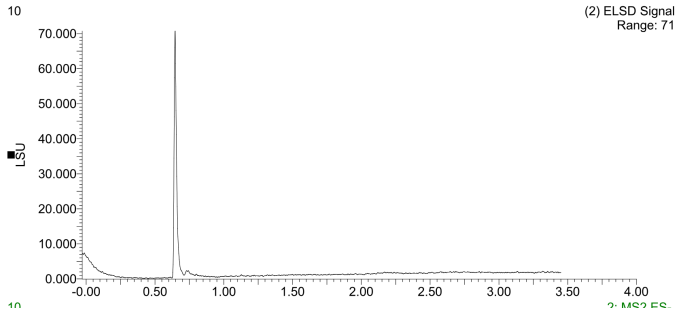
CAS:	50-56-6
Formula:	$C_{43}H_{66}N_{12}O_{12}S_2$
Mol Weight:	~1007.193 g/mol

Pubchem CID: 439302

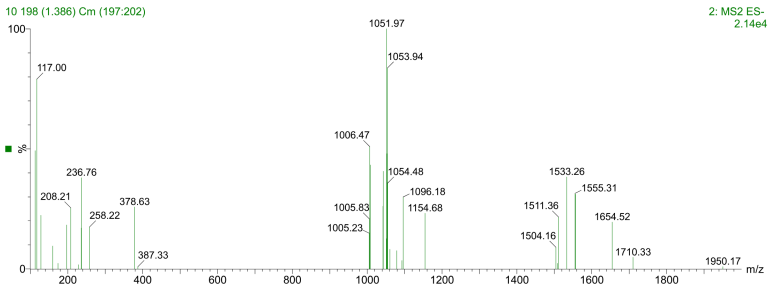
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Identification:	Oxytocin	Oxytocin	
Quantitation:	5mg	4.96mg	
Purity:	>98%	99.44%	

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.

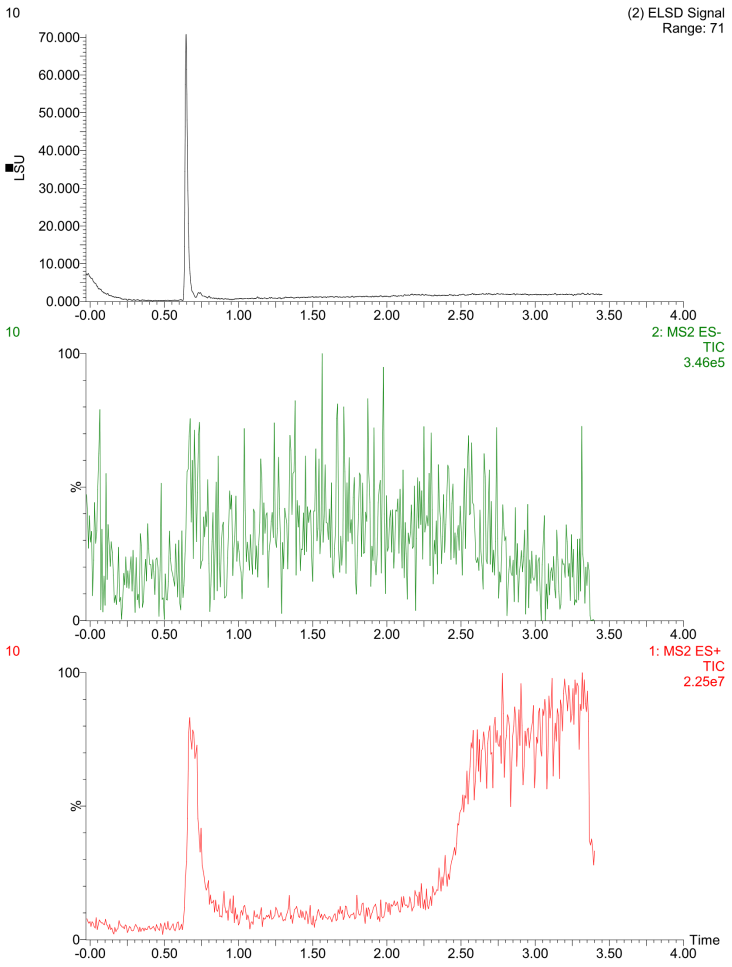
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Oxytocin (5mg) • Pubchem CID: 439302
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

