Horizon Analytical

Certificate of Analysis

Lot Number: NLL-9220225
Brand / Distributed by: Northline Labs
Identity: www.northlinelabs.org

Analysis Date: 08/11/2026
Searchable via: horizonanalytical.com

Compound:	Oxytocin
Report Number:	1024373
Appearance:	White Lyophilized Powder

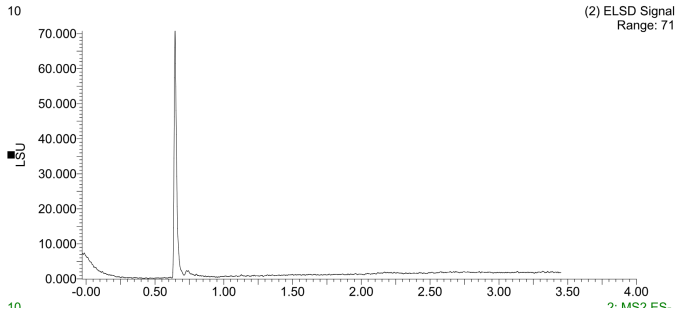
CAS:	50-56-6
Formula:	$C_{43}H_{66}N_{12}O_{12}S_2$
Mol Weight:	~1007.193 g/mol

Pubchem CID: 439302

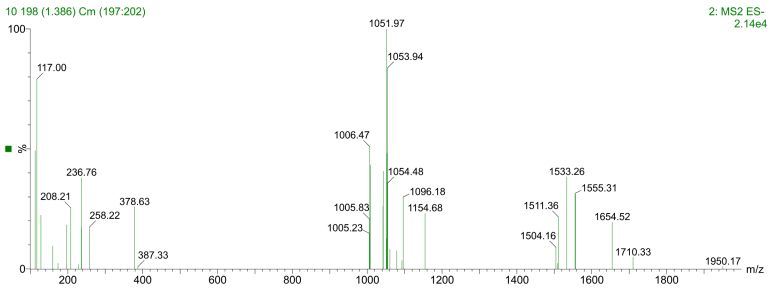
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	Oxytocin	Oxytocin	
Quantity:	5mg	9.96mg	
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.

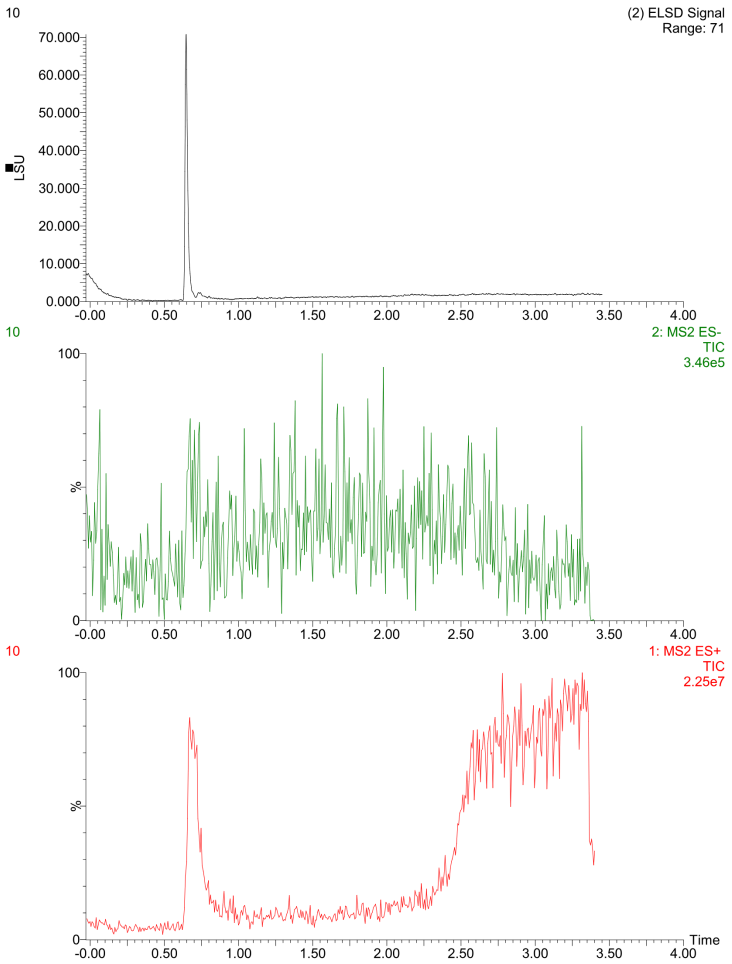
Horizon Analytical

Certificate of Analysis

Lot Number: NLL-9220225
Brand / Distributed by: Northline Labs
Identity: www.northlinelabs.org

Analysis Date: 08/11/2026
Searchable via: horizonanalytical.com

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



Mass Spectrometry (MS)

