Horizon Analytical

Certificate of Analysis

Lot Number: DPS-9220225
Brand / Distributed by: Privilege Bio Labs
Identity: privilegebiolabs.com
Product Type: Lyophilized Vials

Analysis Date: 09/12/2026
Searchable via: horizonanalytical.com

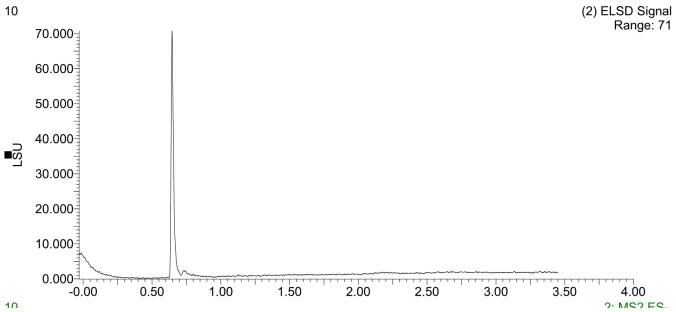
Compound:	Oxytocin	CAS:	50-56-6
Report Number:	1028177	Formula:	$C_{43}H_{66}N_{12}O_{12}S_2$
Appearance:	White Lyophilized Powder	Mol Weight:	~1007.193 g/mol

Pubchem CID: 439302

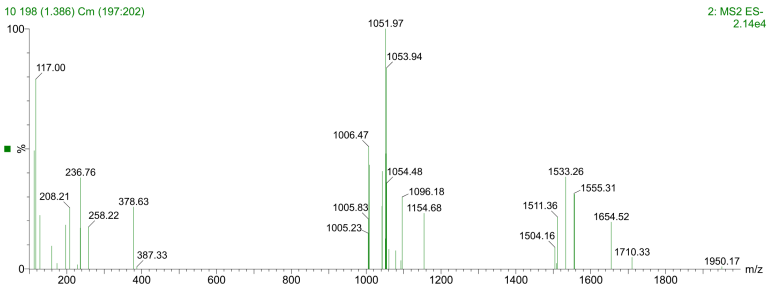
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	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.

Contact at: contact@horizonanalytical.com

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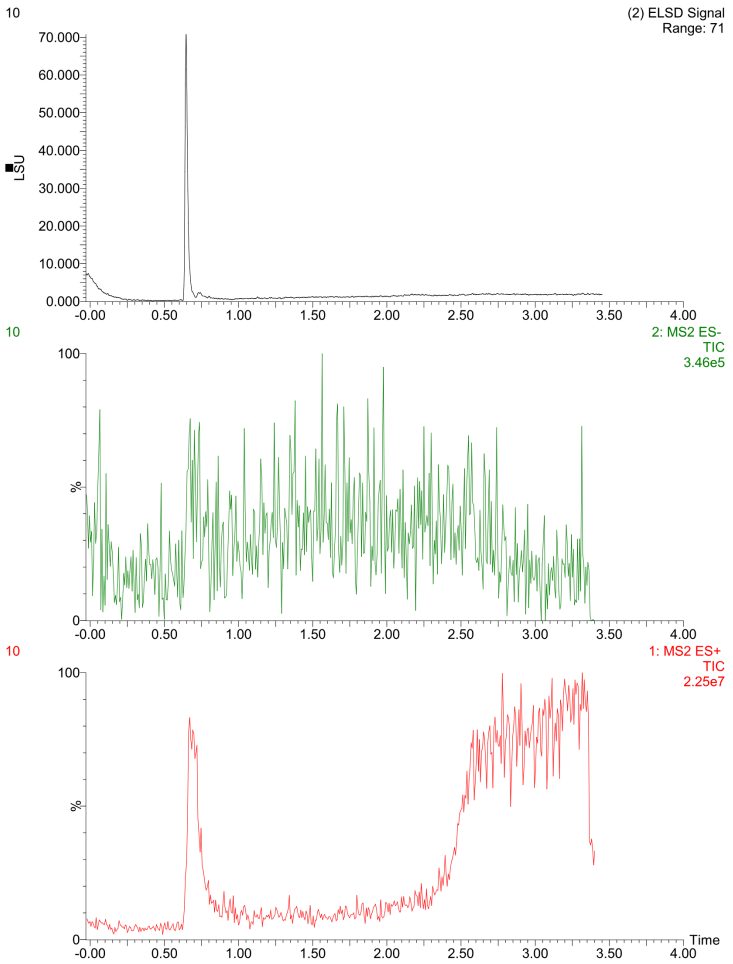
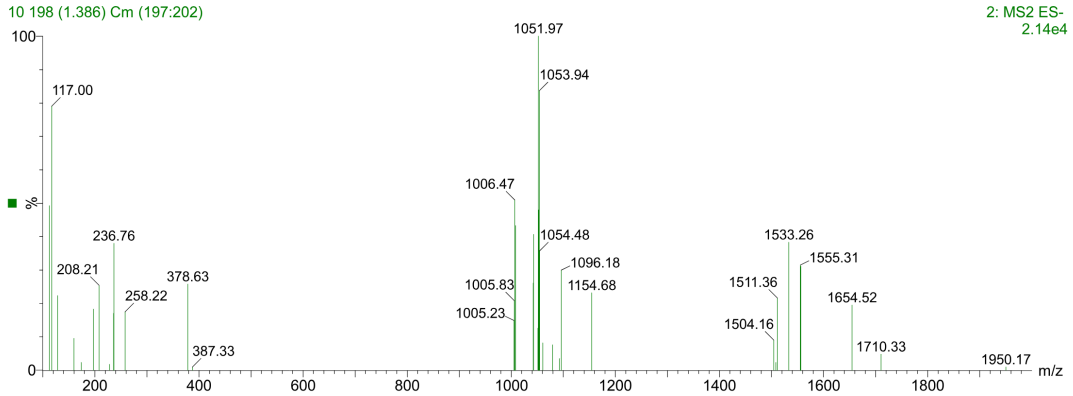
Oxytocin (5mg) • Pubchem CID: 439302
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



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Analysis Date: 09/12/2026
Searchable via: horizonanalytical.com

Compound:	Oxytocin
Report Number:	1028176
Product Type:	Lyophilized Vials
Appearance:	-

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

Pubchem CID: 439302

Endotoxin Test

	Specification	Result	Scan to Validate:
Compound Test:	Oxytocin	Pass	
Endotoxin:	-	<0.05 EU/mL	

Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

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