Horizon Analytical

Certificate of Analysis

Brand / Distributed by: Apex Lab - BW Compounds
Identity: h ps://bluewavecompounds.com
Product Type: Lyophilized Vials

Analysis Date: 11/13/2025

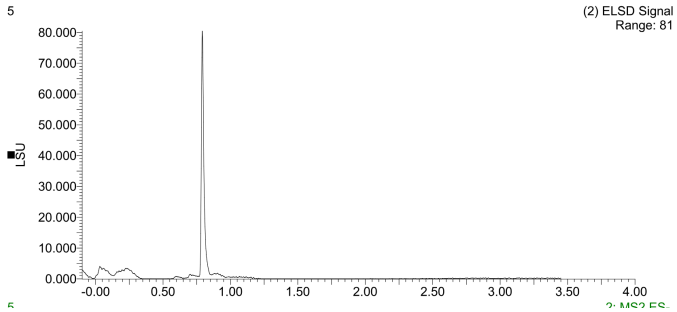
Compound:	Oxytocin	CAS:	50-56-6
Report Number:	1033619	Formula:	$C_{43}H_{66}N_{12}O_{12}S_2$
Appearance:	White Lyophilized Powder	Mol Weight:	~1007.193 g/mol

Pubchem CID: 439302

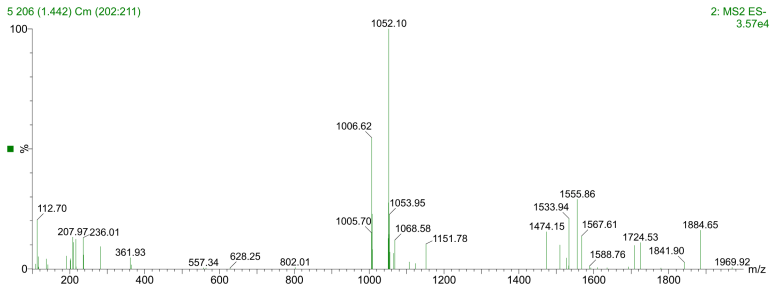
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	
Identification:	Oxytocin	Oxytocin	
Quantitation:	10mg	10.86mg	
Purity:	>98%	99.37%	

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.