

Lot Number: **OT52607-119A**
 Client Name: **Bluum Peptides**
 Identity: <https://bluumpeptides.com/>

Lab Received Date: **07/03/2026**
 Analysis Conducted: **07/07/2026**
 Searchable via: horizonanalytical.com

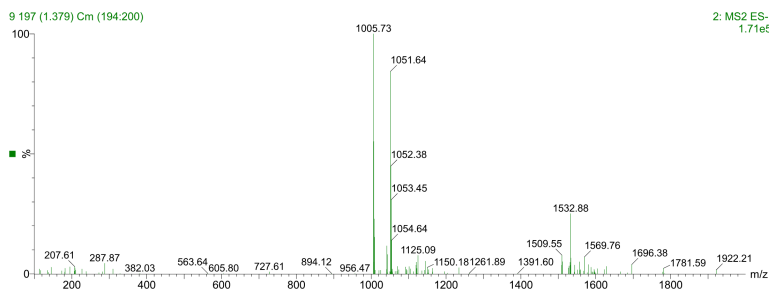
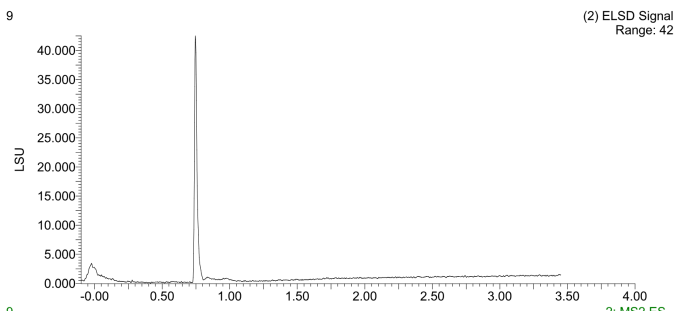
Compound:	Oxytocin
Report Number:	1016806
Appearance:	White Lyophilized Powder

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	4.88mg	
Purity:	>98%	99.51%	



Aleksey Yevtodiyyenko PhD
Research and Formulation Chemist

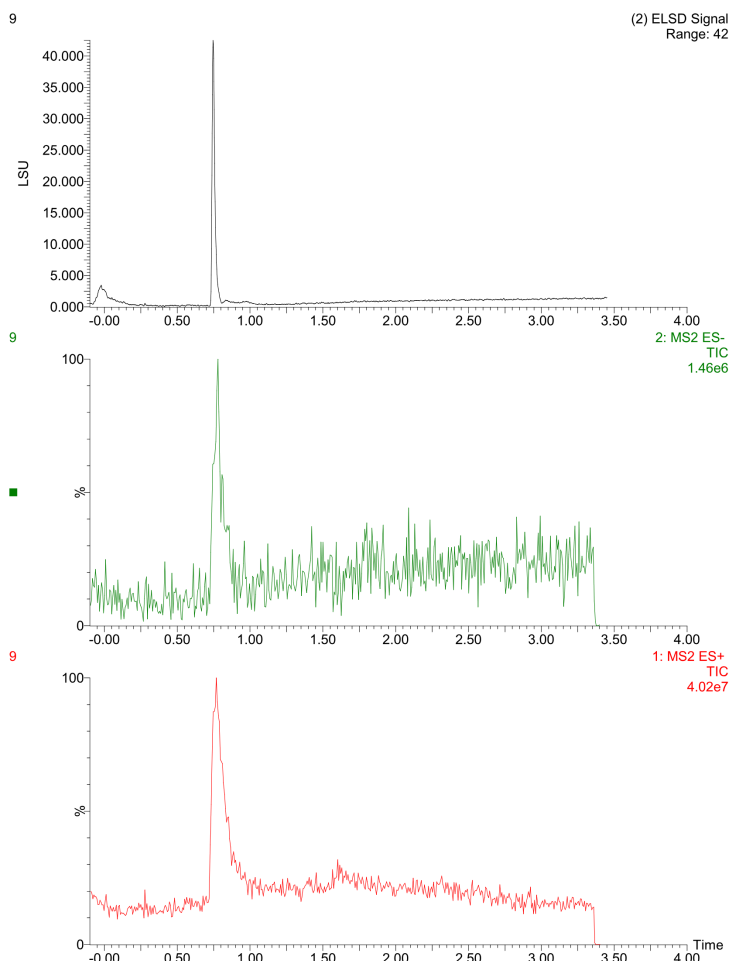


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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



Mass Spectrometry (MS)

