

Client: Modern Aminos

Certified: 05/08/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

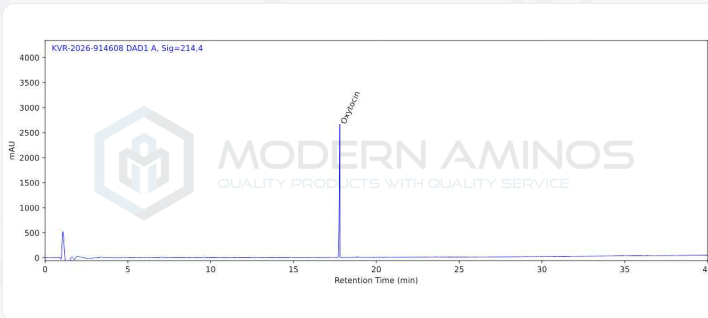
Product	Oxytocin	Form	Lyophilized powder
Batch	BX-P-R1V6	Labeled Qty	5 mg
Mol. Formula	C45H70N12O14S2	CAS Number	6233-83-6
Cap Color	Yellow	Crimp Color	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Purity	(>98%)	99.846% <input checked="" type="checkbox"/>
Net Content	(5mg ± 10%)	5.76 mg <input checked="" type="checkbox"/>
Identity Confirmation (LC-MS)	(Oxytocin)	Oxytocin <input checked="" type="checkbox"/>
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS <input checked="" type="checkbox"/>
Microbial Sterility Screen	(No Growth)	No Growth <input checked="" type="checkbox"/>

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm



Lemar Arghandinal
Lab Director



koveralabs.com/verify

Report#: KVR-2026-914608
Access Code: Y4HQO4



Client: Modern Aminos
Accession #: 2604270245
Search Code: Mode2604270245
Received: 04/27/2026
Reported: 04/27/2026
Lot: BX-P-R1V6

Sample Summary

Product:	Oxytocin 5mg	Purity:	Vial 1: 99.63% Vial 2: 99.68% Vial 3: 99.67%
Identity:	Confirmed	Net Content:	Vial 1: 4.47 mg Vial 2: 4.23 mg Vial 3: 4.67 mg
Appearance:	White Lyophilized Powder		

Analytical Results

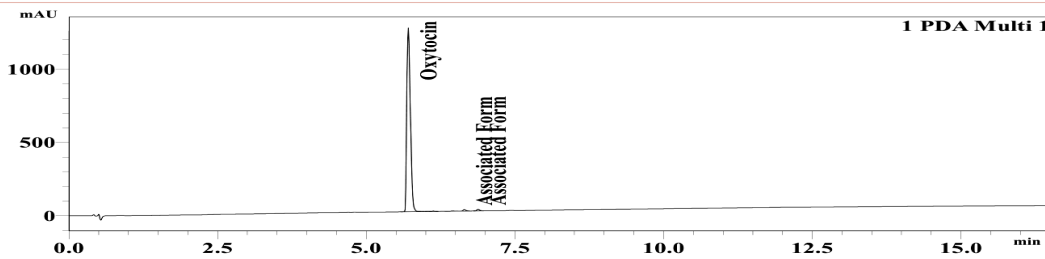
Test	Result
Identity (LC-MS)	Oxytocin
Purity (HPLC-UV)	99.66%
Net Content Average	4.46 mg

Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

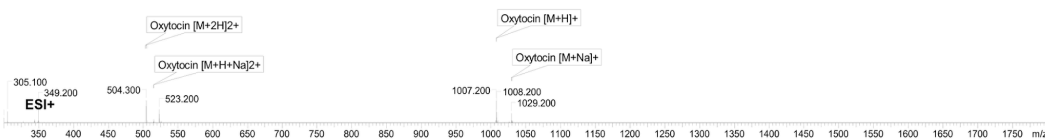
Endotoxin Replicate 1:	Pass	Assay Sensitivity: ≤0.05 EU/mL
Endotoxin Replicate 2:	Pass	Assay Sensitivity: ≤0.05 EU/mL

Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation




Principal Chemist

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The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.