Oxytocin Acetate

Certificate of Analysis & Complete Test Results

✓ VERIFIED & CERTIFIED

TEST DATE

Feb 13, 2026

BATCH NUMBER

122246

PURITY LEVEL

99.31%

Certificate of Analysis

High-Performance Liquid Chromatography

Client:

Peptides Canada

Sample Name:

Oxytocin Acetate

Batch #:

122246

Report Date:

02/14/2026

Test:

Purity

Receipt Date:

02/12/2026

Analysis Date:

02/13/2026

Matrix:

Powder

Number of samples:

1

Purity: 99.31%

Research-grade specification: ≥95.0% — this batch exceeds specification.

Date File	122246_MS2_posneg_OxytocinAcetate_Lot122246_purity.d	**Sample Name**	OxytocinAcetate_Lot122246_purity
Sample Type	Sample	**Position**	P4-19
Instrument Name	LCMS-7800 Series	**Username**	-
Acq Method	OxytocinAcetate_purity_2mg.m	**Acquired**	02/13/2026 09:36:22 AM
IRM Calibration Status	Calibrated	**Time**	(UTC-07:00)
Comment	Sample test for purity of Oxytocin Acetate batch 122246	**DA Method**	SignalToNoiseCheckout.m
Sample Group	Test Batch 7	**Info.**	-
Stream Name	LC1	**Acquisition**	02/13/2026 09:36:22 AM
Acquisition SW Version	6400 Series Triple Quadrupole B.09.00 (89037.0)	**Time (Local)**	(UTC-07:00)

Peak List

Time	Area	% Area
5.92 min	2916.6	99.31 %
7.11 min	13.6	0.69 %

*** determined as Oxytocin Acetate based on retention time**

Note: Percent area between two compounds is not quantitative due to variable extinction coefficients.

Test Screen

UV Chromatogram:

Identity: Oxytocin Acetate

(Other names: Oxytocin acetate salt, α-Hypophamine acetate, Oxytocic hormone acetate, Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH2 acetate)

CAS: 6233-83-6

Data

Mass Spectrum

MSMS ID — head to tail database matching

Mass Spectrum Peptide Envelope encompasses the 3-6 positive change states conferring Peptide Mass

Oxytocin Acetate

Expected Mass: 1007.19

Observed Mass: 1007.20

Reviewed and approved by:

Herman Lelie

Pepslab.ca LLC. All test results are the responsibility of the client. This report relates only to the samples tested. The analyses were performed except as indicated. Samples are within quality control criteria and area specifications unless noted.