

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

Oxytocin - 5mg

PASS

Tested for: **OneDay Compounds**
www.onedaycompounds.com

COA #: **COA-2026-A99FSP**
Lot Number: **OC-OXY5-102**
Accession #: **ACC-2026-1617**
Concentration: **5mg**
Sample Matrix: **Powder**

Method: **Expanded QC Panel**
Analysis Date: **05/06/2026**
Appearance: **Good**
Volume: **3mL**
Received: **05/01/2026**



Scan to verify
authenticity at ils-lab.com

Identity **Oxytocin** Purity **99.38%**

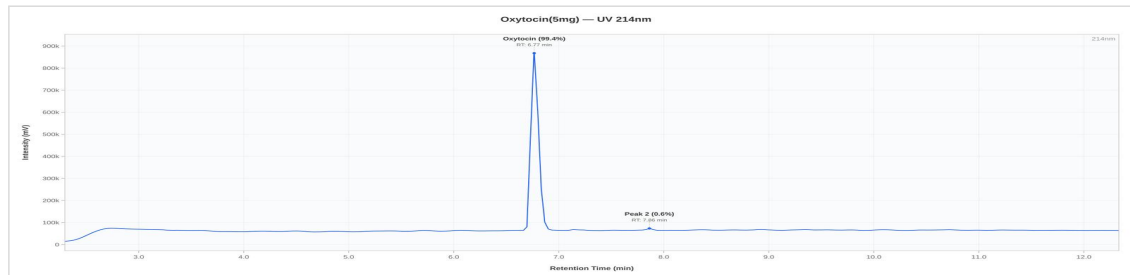
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.38%	%	PASS
Net Peptide Content	Report Only	5.31	mg	N/A
Identity (ID)	Oxytocin	Confirmed	-	PASS



Oxytocin 5mg - OC-OXY5-102

HPLC Chromatogram



Representative chromatogram, Conformity V1 (99.21% purity, closest to batch mean of 99.26%)

HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.38%	5.31 mg	Confirmed	PASS
Conformity V1	99.21%	5.31 mg	Confirmed	PASS
Conformity V2	99.20%	5.26 mg	Confirmed	PASS
Mean	99.26%	5.29 mg	—	—
Std Dev	0.0826%	0.0236 mg	—	—




Dr. Greg Kalyuzhny
Lab Director
5/15/2026

COA #: **COA-2026-A99FSP**
Access Code: **S1TYKEYM**
Verify: portal.ils-lab.com/verify/exOhlv3hpvOXL3Xa
Issued: 5/15/2026

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Lot Number:	OC-OXY5-102	Analysis Date:	05/06/2026
Accession #:	ACC-2026-1617	Appearance:	Good
Concentration:	5mg	Volume:	3mL
Sample Matrix:	Powder	Received:	05/01/2026



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Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	Not Detected	PASS
Cadmium (Cd)	NMT 0.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1 ppm	Not Detected	PASS

Sterility Testing (USP <71>)

Sample	TSB (Tryptic Soy Broth)	FTM (Fluid Thioglycollate)	Status
Sterility Culture V3	No Growth	No Growth	PASS
Sterility Culture V4	No Growth	No Growth	PASS
Sterility Culture V5	No Growth	No Growth	PASS

Endotoxin Testing (USP <85>)

Test	Specification	Result	Unit	Status
Endotoxin (USP <85>)	< 0.25 EU/mL	NMT 0.05 EU/mL		PASS

Notes & Methodology

- Date Tested: 05/06/2026. Methods: Purity & Quant (HPLC).
- The sample was confirmed to be Oxytocin by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or route-of-administration standard.
- Chromatogram shown is representative: Conformity V1 (99.21% purity, closest to batch mean of 99.26%).




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