pH SOLUTIONS

**CERTIFICATE OF ANALYSIS**

261102-899-NHS-9

Issued Nov 5, 2026

SAMPLE

# Oxytocin 10mg

Prepared for **NuLumin** · Lot **NUL-OXY10-20261027-02**

**PASS**

**ISO/IEC 17025:2017 ACCREDITED**

A2LA R243 · PJLA Testing #84351 · Zero recalls since 2016

181 W Huntington Dr, Suite 181, Monrovia, CA 91016 · (818) 808-9757

| BATCH / LOT | SAMPLE ID | MATRIX | PANELS RUN |
|---|---|---|---|
| NUL-OXY10-20261027-02 | 261102-899-NHS-9 | Peptide | 5 |

| RECEIVED | REPORTED | CLIENT |
|---|---|---|
| Nov 2, 2026 | Nov 5, 2026 | NuLumin |

## PEPTIDE PURITY

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Oxytocin — purity | 99.5 | % | | PASS |
| Oxytocin — by mass | 13.67 | % | | PASS |

## WATER ACTIVITY

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Water activity | 0.30 | aw | < 0.65 | PASS |

## MICROBIALS

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| E. Coli | Not Detected | | Not detected in 1 g | PASS |
| Salmonella spp. | Not Detected | | Not detected in 1 g | PASS |
| Aspergillus flavus | Not Detected | | Not detected in 1 g | PASS |
| Aspergillus fumigatus | Not Detected | | Not detected in 1 g | PASS |
| Aspergillus niger | Not Detected | | Not detected in 1 g | PASS |
| Aspergillus terreus | Not Detected | | Not detected in 1 g | PASS |

## HEAVY METALS

Tested on the API lot

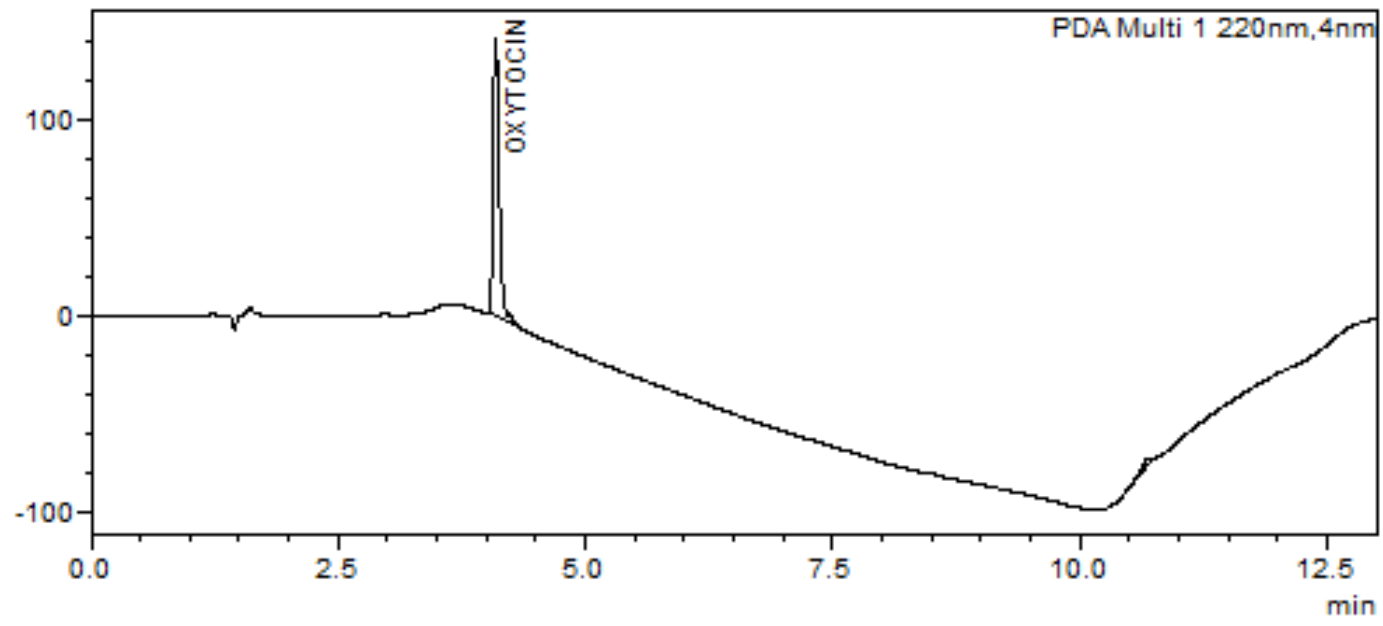
| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Arsenic | Not Detected | ppm | ≤ 1.5 · LOD 0.0167 · LOQ 0.05 | PASS |
| Cadmium | Not Detected | ppm | ≤ 0.2 · LOD 0.0167 · LOQ 0.05 | PASS |
| Lead | Not Detected | ppm | ≤ 0.5 · LOD 0.0167 · LOQ 0.05 | PASS |
| Mercury | Not Detected | ppm | ≤ 0.3 · LOD 0.0167 · LOQ 0.05 | PASS |

## RESIDUAL SOLVENTS

Tested on the API lot

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Acetone | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Acetonitrile | 66.1 | ppm | ≤ 410 · LOD 0.33 · LOQ 1 | PASS |
| Benzene | Not Detected | ppm | ≤ 2 · LOD 0.33 · LOQ 1 | PASS |
| Butane | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Chloroform | Not Detected | ppm | ≤ 60 · LOD 0.33 · LOQ 1 | PASS |
| 1,2-Dichloroethane | Not Detected | ppm | ≤ 5 · LOD 0.33 · LOQ 1 | PASS |
| Ethanol | 30.8 | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Ethyl Acetate | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Ethyl Ether | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Ethylene Oxide | Not Detected | ppm | ≤ 1 · LOD 0.33 · LOQ 1 | PASS |
| Heptane | Not Detected | ppm | ≤ 290 · LOD 0.33 · LOQ 1 | PASS |
| n-Hexane | Not Detected | ppm | ≤ 290 · LOD 0.33 · LOQ 1 | PASS |
| Isopropyl Alcohol | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Methanol | Not Detected | ppm | ≤ 3000 · LOD 0.33 · LOQ 1 | PASS |
| Methylene Chloride | Not Detected | ppm | ≤ 600 · LOD 0.33 · LOQ 1 | PASS |
| Pentane | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Propane | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Toluene | Not Detected | ppm | ≤ 890 · LOD 0.33 · LOQ 1 | PASS |
| Total Xylenes | Not Detected | ppm | ≤ 2170 · LOD 0.33 · LOQ 1 | PASS |
| Trichloroethylene | Not Detected | ppm | ≤ 80 · LOD 0.33 · LOQ 1 | PASS |

## CHROMATOGRAM




**PH SOLUTIONS LAB INC.**

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SCAN TO VERIFY

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