pH SOLUTIONS

CERTIFICATE OF ANALYSIS

260827-899-NHS-4

Issued Oct 24, 2026

SAMPLE

Oxytocin 10 mg

Prepared for **NuLumin** · Lot **NUL-OXY10-20260821-01**

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-OXY10-20260821-01	260827-899-NHS-4	Peptide	4

RECEIVED	REPORTED	CLIENT
Aug 27, 2026	Oct 24, 2026	NuLumin

PEPTIDE PURITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Oxytocin — purity	99	%	HPLC-UV @ 254 nm	PASS

WATER ACTIVITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Water activity	0.20	aw	< 0.65	PASS

MICROBIALS

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

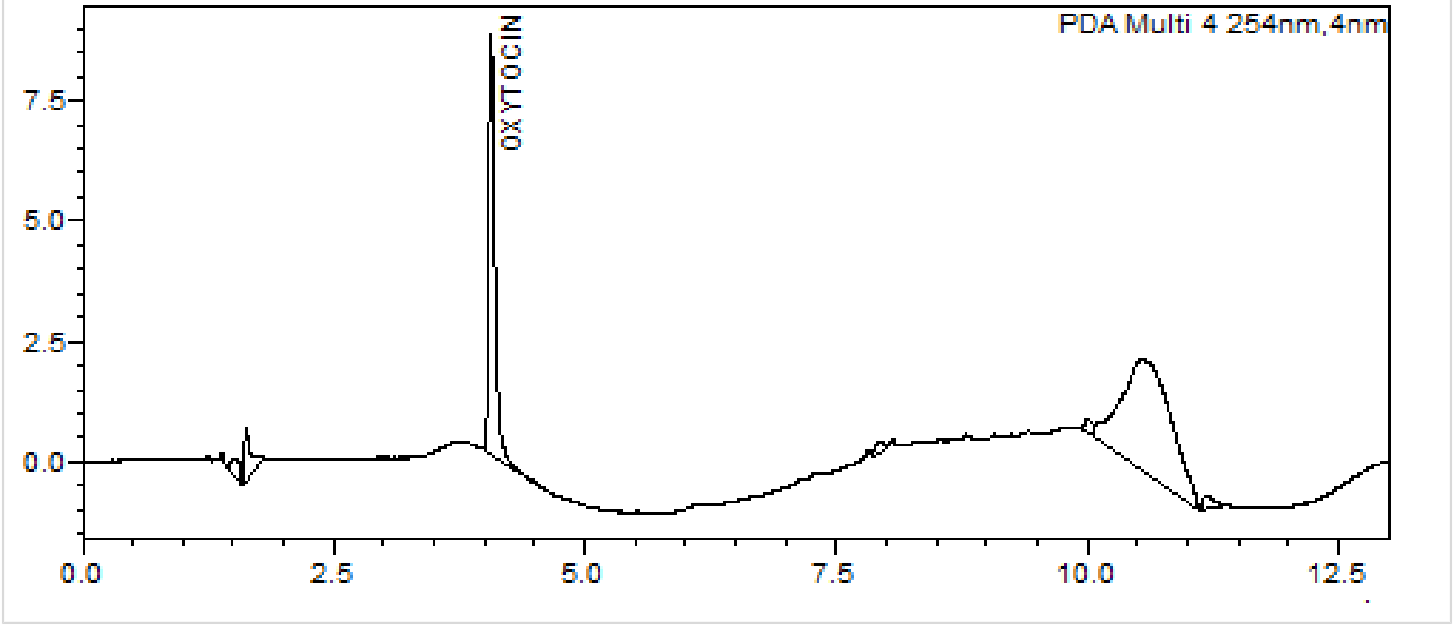
RESIDUAL SOLVENTS

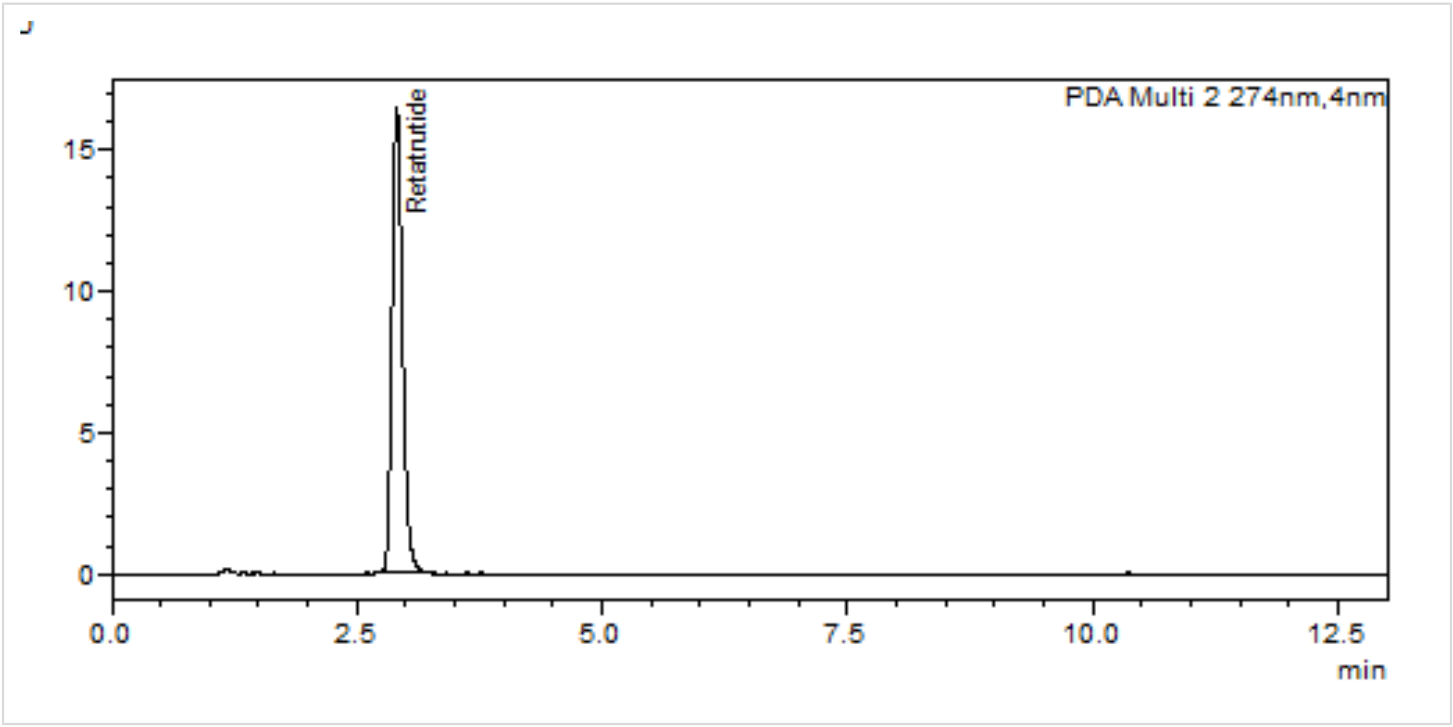
Tested on the API lot

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

CHROMATOGRAMS


PDA Multi 4 254nm,4nm
OXYTOCIN
7.5
5.0
2.5
0.0
0.0
2.5
5.0
7.5
10.0
12.5


PDA Multi 2 274nm,4nm
Retatrutide
15
10
5
0
0.0
2.5
5.0
7.5
10.0
12.5
min

PH SOLUTIONS LAB INC.

Analysis performed in accordance with ISO/IEC 17025:2017. Results relate only to the sample as submitted. This certificate may not be reproduced except in full without the written approval of the laboratory. The online copy at the address beside is authoritative: if a printed COA disagrees with it, the online copy governs. Questions: info@phsolutionslab.com · (818) 808-9757.

SCAN TO VERIFY

www.phsolutionslab.com/c/eyJjIjoiMjYwODI3LTg5OS1OSFMtNCIsInAiOiJOdUx1bWluIiwibCI6Ik5VTC1PWFkxMC0yMDI2MDgyMS0wMSJ9.lcq6E6vIlgEQnpG3KS7vykdiw9I3dvLw