pH SOLUTIONS

CERTIFICATE OF ANALYSIS

260915-899-NHS-4

Issued Oct 7, 2026

SAMPLE

TESAMORELIN

Prepared for **NuLumin** · Lot **NUL-TSM05-20260907-01**

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-TSM05-20260907-01	260915-899-NHS-4	Peptide	6
RECEIVED	**ANALYZED**	**REPORTED**	**CLIENT**
Sep 15, 2026	—	Oct 7, 2026	NuLumin

PEPTIDE PURITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
TESAMORELIN — purity	99	%	HPLC-UV @ 274 nm	PASS
TESAMORELIN — by mass	9.20	%		PASS

ASSAY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Net peptide content	9.20	% w/w		—
Net peptide content — per gram	92	mg/g		—

WATER ACTIVITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Water activity	0.24	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

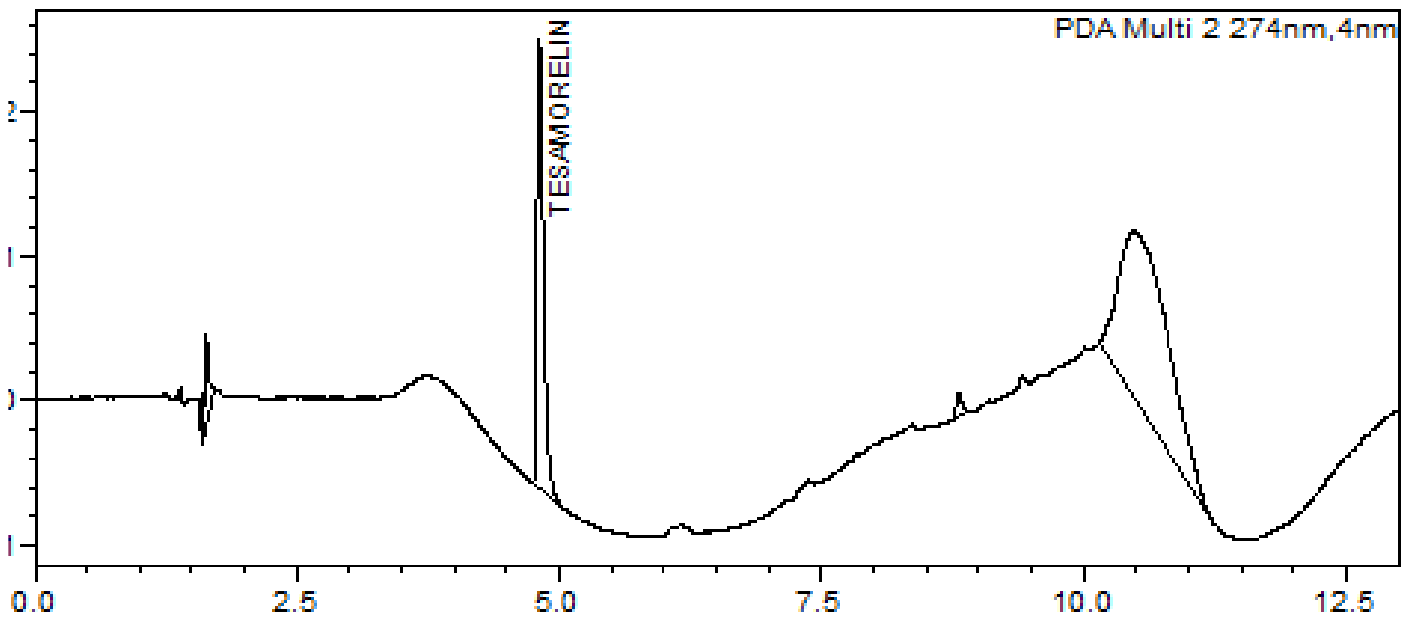
RESIDUAL SOLVENTS

Tested on the API lot

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Acetone	Not Detected	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Acetonitrile	1.47	ppm	≤ 410 · LOD 0.33 · LOQ 1	PASS
Benzene	Not Detected	ppm	≤ 2 · LOD 0.33 · LOQ 1	PASS
Butane	1.21	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	15.5	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
DMF	Not Detected	ppm	≤ 880 · LOD 0.33 · LOQ 1	PASS

CHROMATOGRAM



PH SOLUTIONS LAB INC.

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