



Sermorelin

10 mg/vial · PLB-V-SER-10 · Prepared for [REDACTED]

RELEASED

CAS 86168-78-7 Formula C149H246N44O42S MW 3357.9 g/mol

SAMPLE INFORMATION

SAMPLE NAME	MANUFACTURED	LAB SAMPLE ID
Sermorelin 10 mg vial	12-Jul-2026	260813-899-NHS-3
LOT NUMBER	EXPIRATION	REPORT DATE
PLB-SER-20260712-01	12-Jul-2027	09/05/2026
SAMPLE MATRIX	VIALS IN LOT	
Lyophilized peptide	300	
INTENDED USE	TARGET FILL	
Research use only	10.00 mg per vial	

PURITY

99%
TESTED · HPLC @ 274 nm

WATER ACTIVITY

0.46 aw
PASS · aw

MICROBIALS

Not detected
PASS · qPCR

1. Results Summary

ALL PARAMETERS CONFORM

TEST	METHOD	SPECIFICATION	RESULT	STATUS
Purity	HPLC @ 274 nm	≥99%	99%	TESTED
Microbials	qPCR	Aerobic count, Enterobacteriaceae, yeast & mold: not detected in 1 g	Not detected · 6 analytes	PASS
Water Activity	Water Activity Meter	<0.65 aw (threshold for microbial growth)	0.46 aw	PASS

2. Panel Detail

Per-analyte readings behind the panel verdicts above

Microbials qPCR, per gram

PASS

ANALYTE	RESULT	STATUS	ANALYTE	RESULT	STATUS	ANALYTE	RESULT	STATUS
E. Coli	ND in 1 g	Pass	Aspergillus flavus	ND in 1 g	Pass	Aspergillus niger	ND in 1 g	Pass
Salmonella spp.	ND in 1 g	Pass	Aspergillus fumigatus	ND in 1 g	Pass	Aspergillus terreus	ND in 1 g	Pass

3. Methods and Notes

Purity · HPLC @ 274 nm

Measures what fraction of the material is the complete target peptide vs. synthesis byproducts, truncated sequences, or degradation products. High purity ensures the results reflect the intended compound and ensures identity by confirming retention time during this test aligns with a certified reference standard.

Microbials · qPCR

Confirms the finished vial is free of viable bacteria, Enterobacteriaceae, yeast, and mold. Microbial contamination in reconstituted peptide solutions can invalidate cell-based and in vivo research results.

What each test measures and why it is on this certificate



pH SOLUTIONS

pH Solutions, LLC

181 W. Huntington Dr. #106, Monrovia, CA 91016

(626) 734-6620 · www.phsolutionslab.com

ISO/IEC 17025:2017 Accredited · ilac-MRA · PJLA #84351

Certificate of Analysis

COA PLB-COA-SER-20260712-01

Lot PLB-SER-20260712-01 · Issued Sep08,2026

SCAN TO VERIFY

Water Activity · Water Activity Meter

Lyophilized peptides absorb atmospheric moisture, which dilutes the active content per mg and accelerates degradation. Knowing water content allows researchers to calculate the true peptide mass when preparing solutions for experiments.

4. Authorization and Release

● RELEASED

TESTED AND CERTIFIED BY

Raquel Keledjian

Raquel Keledjian

Laboratory Director, pH Solutions, LLC

ISO/IEC 17025:2017 · Accreditation #84351



FOR RESEARCH USE ONLY · NOT FOR HUMAN OR VETERINARY USE · NOT FOR DIAGNOSTIC PROCEDURES

For Research Use Only. Not for use in diagnostic procedures. Not for human or veterinary use. This product has not been evaluated by the FDA for safety or efficacy. [REDACTED] makes no representations regarding the safety, efficacy, or fitness of this product for any purpose other than laboratory research. This Certificate of Analysis (COA) is issued for [REDACTED]. While the data herein is derived from analytical testing by pH Solutions, [REDACTED] assumes all responsibility for the final quality review, release, and marketing of this lot. The manufacturer and testing laboratory act as independent contractors; they make no warranties to the end-user and shall be held harmless from any claims arising from the distribution or use of this product. This Certificate of Analysis shall not be reproduced except in full, without the written approval of the issuer. Scan the code on the first page to verify this certificate against the issuing record. Verify this certificate at https://www.phsolutionslab.com/verify/v1.86455e19-0f1b-4536-9c4c-f89056710fea.C68vJiq6nav0_sEooexrkAMLCt1VAmCkqT2S-CuXJu0