PRECISION MASS SPEC
CHEMICAL • PHARMACEUTICAL

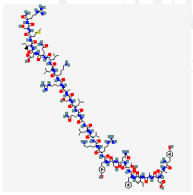
CERTIFICATE OF ANALYSIS

COA Number	**PMS-1251516574**
Client	**RENOVITA RESEARCH LLC**
Product	**Sermorelin**
Received	**10/05/2026 12:49 PM CT**
Report Date	**10/06/2026**
Lot Number	**LTZ2610SM10-RR-SERW-1005**

PRODUCT IDENTIFICATION

HPLC-UV coupled with LC-MS/MS, standard laboratory conditions

Compound Name	Sermorelin	**CAS No.**	86168-78-7
Molecular Formula	C149H246N44O42S	**Molecular Weight**	3357.9 g/mol
Appearance	White Lyophilized Powder	**Compound Concentration**	10mg
Sequence:	H-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH2		



MOLECULAR STRUCTURE

CLIENT SAMPLE PHOTO

SAMPLE IDENTIFICATION

Client-supplied, verified at intake

Container Size	3ml Glass Vial	**Cap Color**	White
Crimp / Seal Color	Silver		
Product Company	RENOVITA RESEARCH LLC		

ANALYTICAL RESULTS

Test	Specification	Result	Status
Purity (HPLC)	>= 90.0%	**99.58%**	**PASS**
Mass Identification (LC-MS/MS)	Conforms to declared compound	**Sermorelin**	**PASS**
Net Compound Content	>= 90% of 10 mg	**10.19 mg**	**PASS**
Water Content (Karl Fischer)	<= 10.0%	**4.92%**	**PASS**
Acetate Content (HPLC)	< 12.0%	**4.01%**	**PASS**
Heavy Metals (ICP-MS)	< 10 ppm	**Not Detected**	**PASS**
Bacterial Endotoxins (LAL)	< 5 EU/mg	**Not Detected**	**PASS**
Sterility (RMM)	USP <71>	**Not Tested**	-
Mass Balance	95.0 – 105.0%	**Conforms**	**PASS**

INSTRUMENT DATA

Traces behind the results above

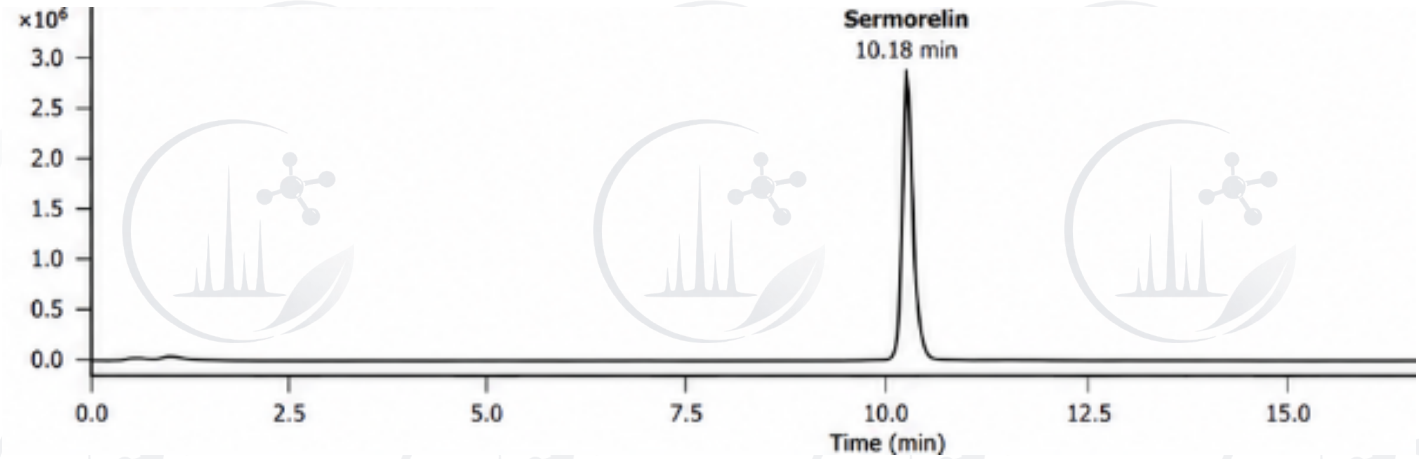


FIGURE 1 — CHROMATOGRAPHIC DATA (HPLC-UV)

Lee Adams

Lee Adams
Lab Director
COA: PMS-1251516574

The analysis reported herein was conducted using HPLC-UV and LC-MS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The compounds tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables. The sample image included in this Certificate of Analysis was provided by the client during intake. For research use only.

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