

Certificate of Analysis



Client:

Cellgenic

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Amino Acids Sequence (Sermorelin)

Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Tyr-Gly-Phe-Gly Lys-Lys-Asn-Arg-Gln-Ser-Ala-Arg-Ser-Ser-Phe-Ala-Lys

Sample Identification

Sample Name	Sermorelin 10 mg	Batch Number	SER1020-01	Date Published	12-APR-2026
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Results for SER1020-01 SERMORELIN

Analysis of Peptide Identity, Content and Purity	ResultUnit	Uncertainty	Reporting Limit
Sermorelin Assay <i>Peptide Screening</i>	10.16 mg	[± 0.05]	
Sermorelin Identification by RT <i>Peptide Screening</i>	14.52	[± 0.08]	
Sermorelin Identification by spectrum <i>Peptide Screening</i>	3357	[± 20]	
Sermorelin Purity <i>Peptide Screening</i>	99.5 %	[± 0.5]	
Bioburden	ResultUnit	Uncertainty	Reporting Limit
Total Aerobic Microbial Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 1000 Δ
Total Yeast and Mold Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 100 Δ
Endotoxin Analysis	ResultUnit	Uncertainty	Reporting Limit
Bacterial Endotoxin <i>USP<85> Bacterial Endotoxin Chromogenic Test</i>	< 0.001 EU/mg		> 0.5 Δ
Heavy Metals	ResultUnit	Uncertainty	Reporting Limit



Quality Assurance

SIGNED CERTIFICATION

Analysis results relate only to the samples tested.

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Edwin Hoag

Edwin Hoag, MD, PhD

Inspecting QA/QC Manager · Cellgenic Laboratories



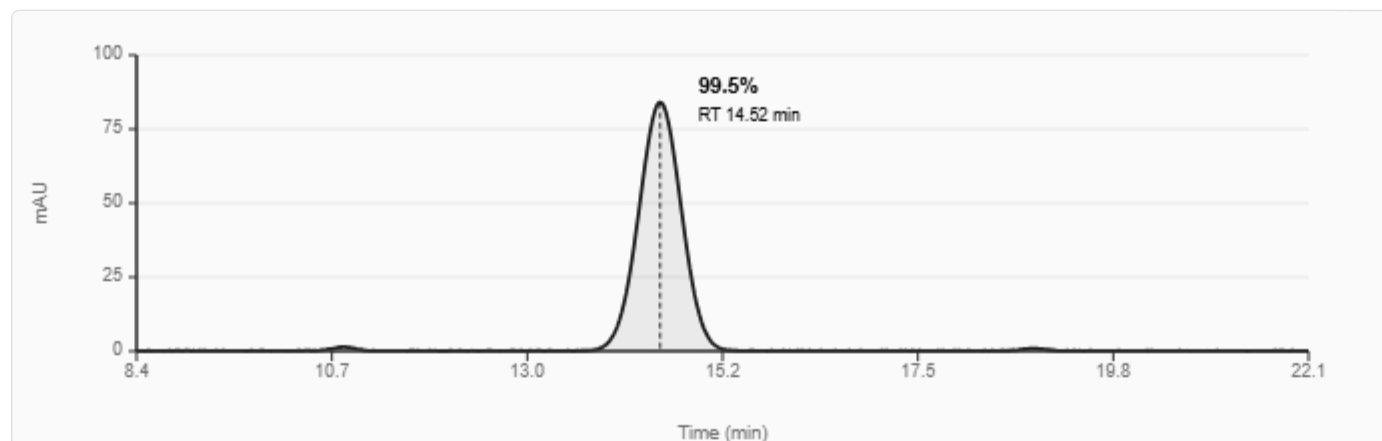
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Sermorelin

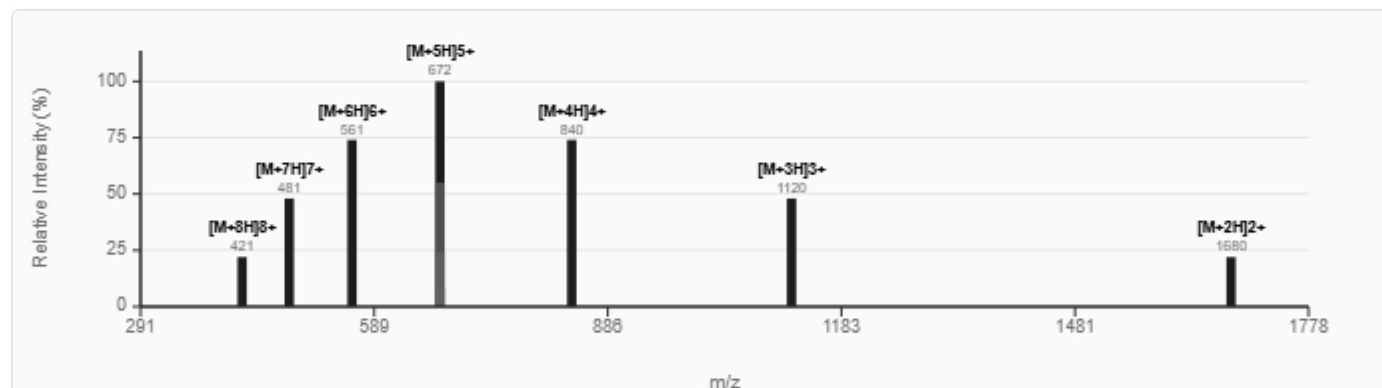
• Batch: SER1020-01 • 12-APR-2026

HPLC Chromatogram

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY • PURITY ANALYSIS

Column: C18, 250x4.6 mm, 5µm Mobile phase: H₂O/ACN + 0.1% TFA Detection: UV 220 nm RT: 14.52 min Purity: 99.5%**Mass Spectrum**

ELECTROSPRAY IONIZATION MASS SPECTROMETRY • IDENTITY CONFIRMATION



Ionization: ESI+, positive mode Instrument: LC-MS/MS Observed: 3357 m/z Identity: Confirmed ✓