

Certificate of Analysis

**Client:****Cellgenic****Datran Center 9100 S Dadeland Boulevard,****Suite 1500. Miami FL. 33156 United States.****Email: info@stemcellsgroup.com****Phone: +1 305 560 5337**

Amino Acids Sequence (Semaglutide)

His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(Aib)-Gly-Glu-Gly-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu

Sample Identification

Sample Name Semaglutide 15 mg Batch Number SEM1520-01 Date Published 1-APR-2026

Results for SEM1520-01 SEMAGLUTIDE

Analysis of Peptide Identity, Content and Purity	ResultUnit	Uncertainty	Reporting Limit
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Semaglutide Assay <i>Peptide Screening</i>	15.36 mg	[± 0.07]	
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Semaglutide Identification by RT <i>Peptide Screening</i>	18.95	[± 0.08]	
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Semaglutide Identification by spectrum <i>Peptide Screening</i>	4117	[± 20]	
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Semaglutide Purity <i>Peptide Screening</i>	> 99.5 %	[± 0.5]	
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Bioburden	ResultUnit	Uncertainty	Reporting Limit
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Total Aerobic Microbial Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 1000 △
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Total Yeast and Mold Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 100 △
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Endotoxin Analysis	ResultUnit	Uncertainty	Reporting Limit
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Bacterial Endotoxin <i>USP<85> Bacterial Endotoxin Chromogenic Test</i>	< 0.001 EU/mg		> 0.5 △
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Heavy Metals	ResultUnit	Uncertainty	Reporting Limit
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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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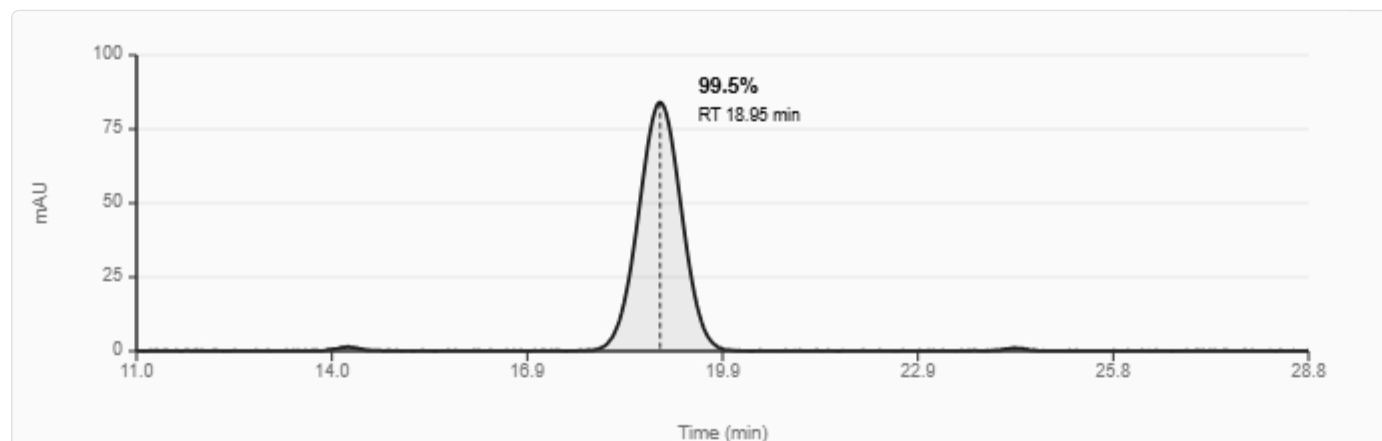
Analysis Dashboard

Semaglutide

• Batch: SEM1520-01 • 1-APR-2026

HPLC Chromatogram

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY • PURITY ANALYSIS

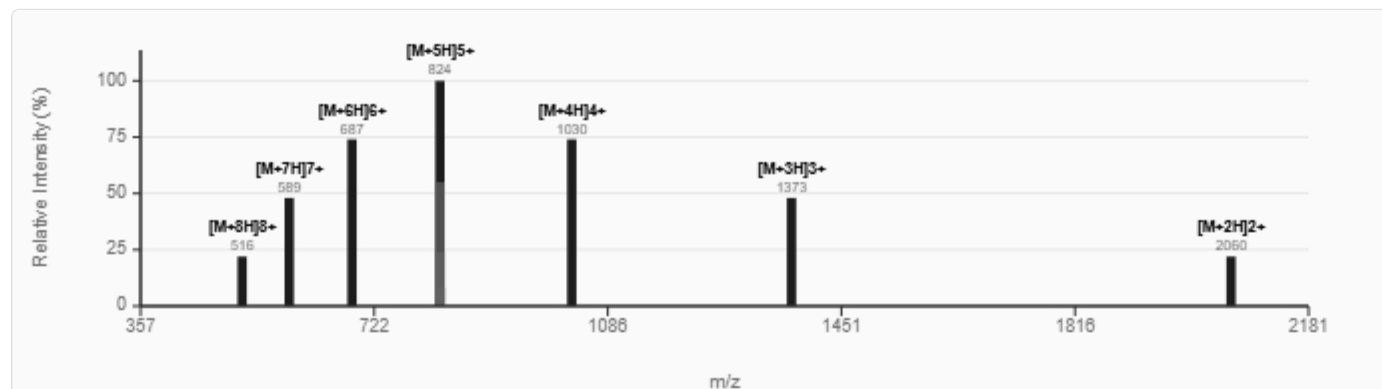


Column: C18, 250x4.6 mm, 5µm Mobile phase: H₂O/ACN + 0.1% TFA Detection: UV 220 nm

RT: 18.95 min Purity: > 99.5%

Mass Spectrum

ELECTROSPRAY IONIZATION MASS SPECTROMETRY • IDENTITY CONFIRMATION



Ionization: ESI+, positive mode Instrument: LC-MS/MS Observed: 4117 m/z Identity: Confirmed ✓