

Certificate of Analysis

Client:

Cellgenic

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Amino acid sequence (SS-31)

D-Arg-2',6'-Dimethyl-Tyr-Lys-Phe-NH₂

Sample Identification

Sample Name	SS-31 25 mg	Batch Number	SS32520-01	Date Published	6-APR-2026
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Results for SS32520-01 SS-31

Analysis of Peptide Identity, Content and Purity	ResultUnit	Uncertainty	Reporting Limit
SS-31 Assay <i>Peptide Screening</i>	25.35 mg	[± 0.13]	
SS-31 Identification by RT <i>Peptide Screening</i>	0.996	[± 0.005]	
SS-31 Identification by spectrum <i>Peptide Screening</i>	641	[± 10]	
SS-31 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 △
Total Yeast and Mold Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 100 △

Endotoxin Analysis	ResultUnit	Uncertainty	Reporting Limit
Bacterial Endotoxin <i>USP<85> Bacterial Endotoxin Chromogenic Test</i>	< 0.001 EU/mg		> 0.5 △

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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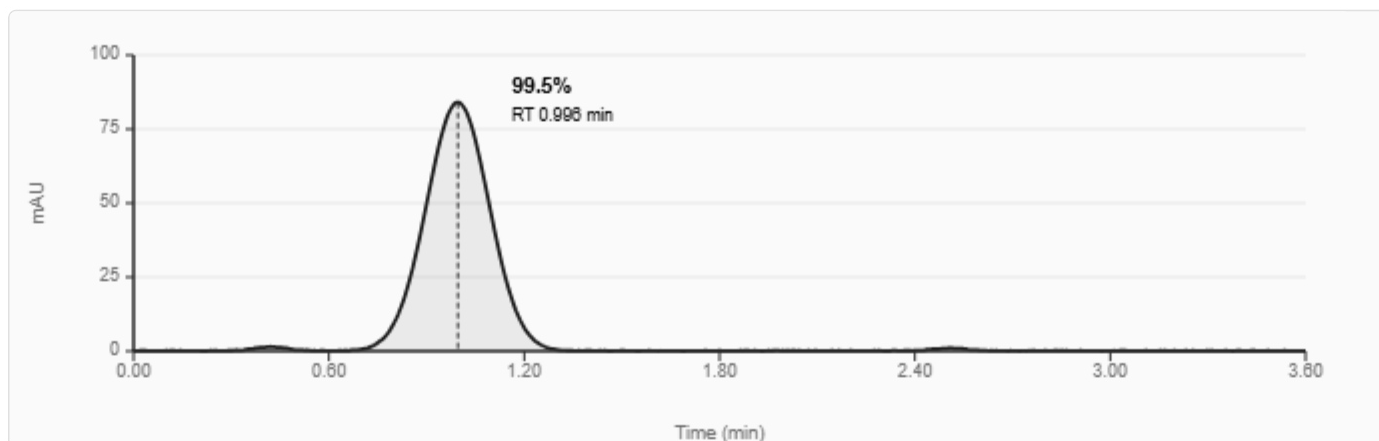
Analysis Dashboard

SS-31

• Batch: SS32520-01 • 6-APR-2026

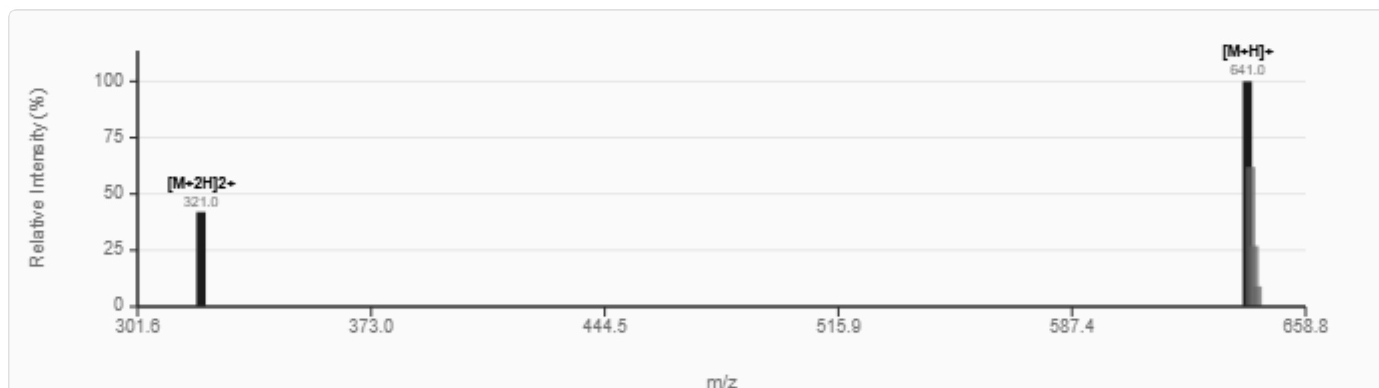
HPLC Chromatogram

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY • PURITY ANALYSIS

Column: C18, 250x4.6 mm, 5µm Mobile phase: H₂O/ACN + 0.1% TFA Detection: UV 220 nm RT: 0.996 min Purity: 99.5%

Mass Spectrum

ELECTROSPRAY IONIZATION MASS SPECTROMETRY • IDENTITY CONFIRMATION



Ionization: ESI+, positive mode Instrument: LC-MS/MS Observed: 641 m/z Identity: Confirmed ✓