

Certificate of Analysis

Client:

Cellgenic

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Amino Acid Sequence (PT-141)

Ac-Nle-cyclo[Asp-His-D-Phe-Arg-Trp-Lys]-OH

Sample Identification

Sample Name	PT-141 10 mg	Batch Number	PT0520-01	Date Published	15-MAY-2026
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Results for PT0520-01 PT-141

Analysis of Peptide Identity, Content and Purity	ResultUnit	Uncertainty	Reporting Limit
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PT-141 Assay <i>Peptide Screening</i>	10.25 mg	[± 0.05]	
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PT-141 Identification by RT <i>Peptide Screening</i>	1.000	[± 0.005]	
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PT-141 Identification by spectrum <i>Peptide Screening</i>	52501	[± 20]	
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PT-141 Purity <i>Peptide Screening</i>	>99.30 %	[± 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



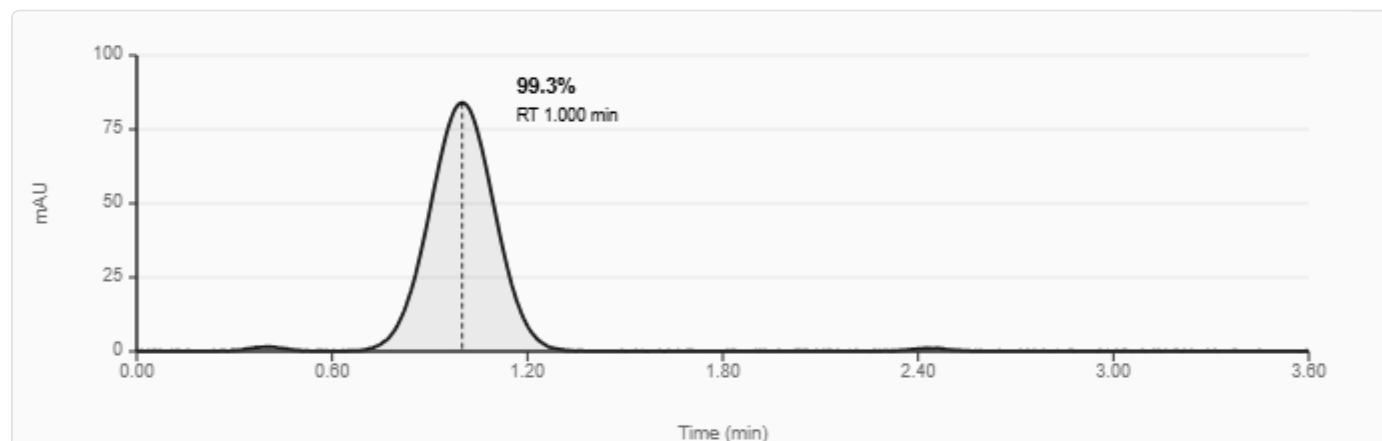
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PT-141

• Batch: PT0520-01 • 15-MAY-2026

HPLC Chromatogram

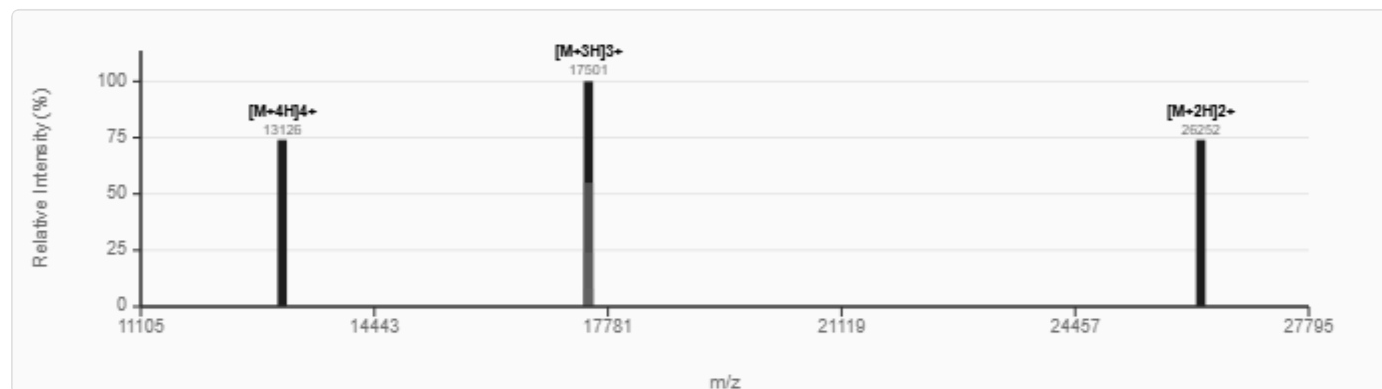
HIGH PERFORMANCE LIQUID CHROMATOGRAPHY • PURITY ANALYSIS

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

RT: 1.000 min Purity: >99.30%

Mass Spectrum

ELECTROSPRAY IONIZATION MASS SPECTROMETRY • IDENTITY CONFIRMATION



Ionization: ESI+, positive mode Instrument: LC-MS/MS Observed: 52501 m/z Identity: Confirmed ✓