

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 acid sequence (Thymosin Alpha-1)

Ac-Ser-Asp-Ala-Ala-Val-Asp-Thr-Ser-Ser-Glu-Ile-Thr-Thr-Lys-Asp-Leu-Lys-Glu-Lys-Lys-Glu-Val-Val-Glu-Glu-Ala-Glu

Sample Identification

Sample Name	Thymosin Alpha-1 5 mg	Batch Number	THA0520-01	Date Published	31-JAN-2026
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Results for THA0520-01 THYMOSIN ALPHA-1

Analysis of Peptide Identity, Content and Purity	ResultUnit	Uncertainty	Reporting Limit
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Thymosin Alpha 1 Assay <i>Peptide Screening</i>	5.02 mg	[± 0.03]	
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Thymosin Alpha 1 Identification by RT <i>Peptide Screening</i>	0.981	[± 0.005]	
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Thymosin Alpha 1 Identification by spectrum <i>Peptide Screening</i>	988	[± 10]	
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Thymosin Alpha 1 Purity <i>Peptide Screening</i>	99.4 %	[± 0.4]	
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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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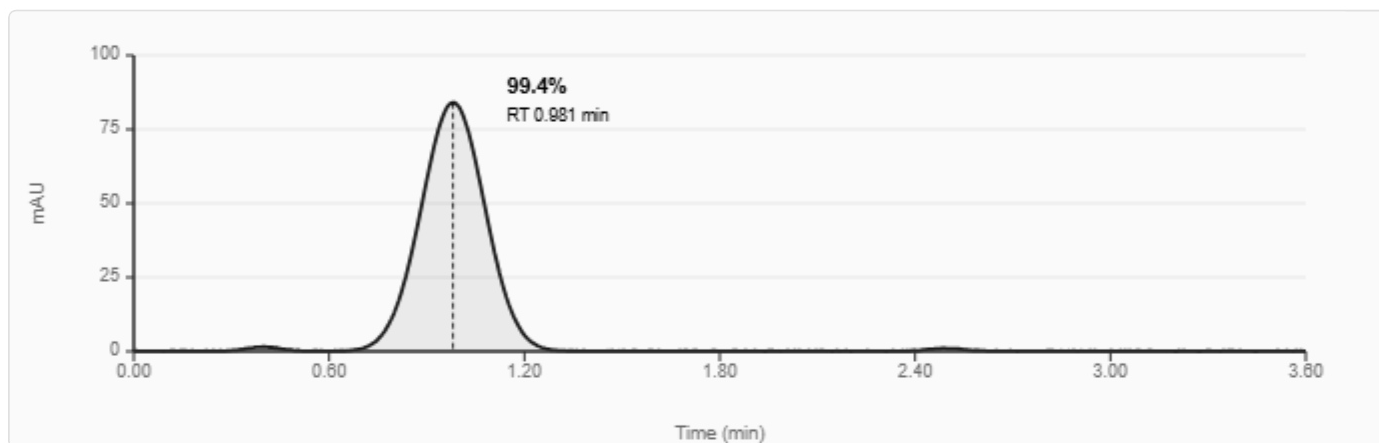
Analysis Dashboard

Thymosin Alpha-1

• Batch: THA0520-01 • 31-JAN-2026

HPLC Chromatogram

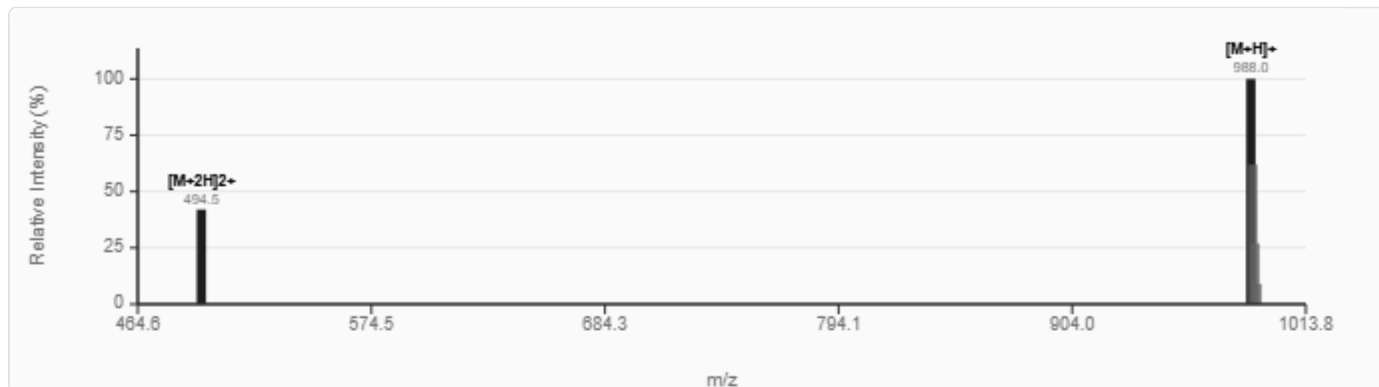
HIGH PERFORMANCE LIQUID CHROMATOGRAPHY • PURITY ANALYSIS



Column: C18, 250x4.6 mm, 5µm Mobile phase: H₂O/ACN + 0.1% TFA Detection: UV 220 nm RT: 0.981 min Purity: 99.4%

Mass Spectrum

ELECTROSPRAY IONIZATION MASS SPECTROMETRY • IDENTITY CONFIRMATION



Ionization: ESI+, positive mode Instrument: LC-MS/MS Observed: 988 m/z Identity: Confirmed ✓