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Product	HGH-FRAG 176-191
Net Peptide Content	5.599 mg
Identity	Frag 176

Certificate of Analysis

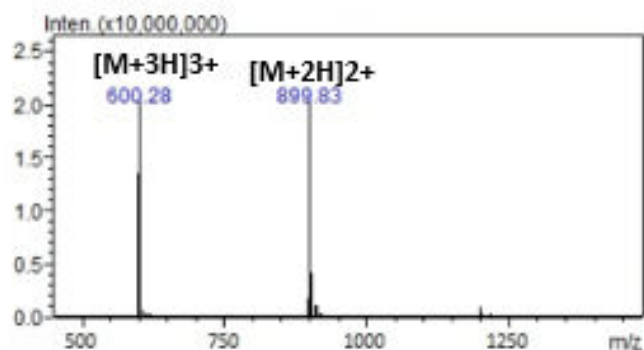
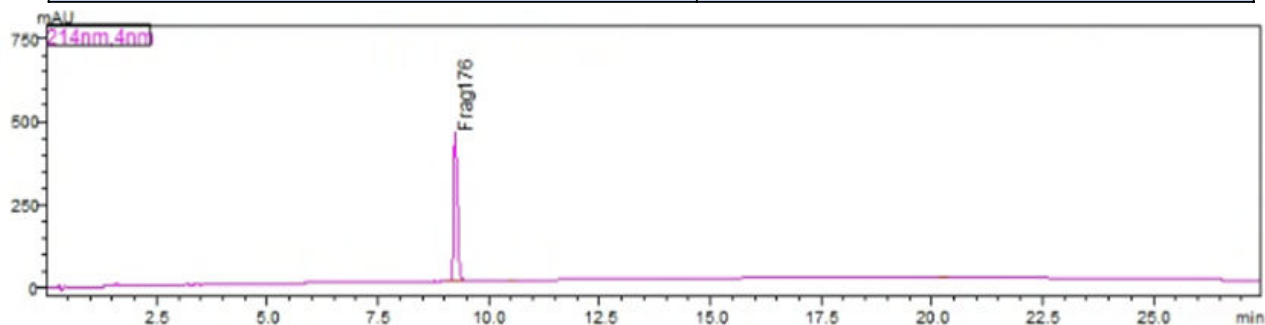
Assession Number	2506060051
Client	Peptide Pro
Search Code	pept2506060051

Received Date:	6/6/2025
Reported Date:	6/10/2025

Lot	FRAG-050125
Purity	99.78%
Appearance	White Lyophilized Powder

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

Mass Identification	Result
Frag 176	99.78%



Stephen Schmidt

Stephen Schmidt
Principle Chemist

COA: 2506060051

The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.

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Contact at: Admin@FreedomDiagnostics.net



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Product	HGH-FRAG 176-191
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Certificate of Analysis

Assession Number	2506060052
Client	Peptide Pro
Search Code	pept2506060052

Received Date:	6/6/2025
Reported Date:	6/9/2025

Lot	FRAG-050125
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All analyses are conducted for research purposes and performed in duplicate in accordance with USP <85> guidelines

Endotoxin Threshold		Result
Replicate 1	≤ 0.05 EU/mL	PASS
Replicate 2	≤ 0.05 EU/mL	PASS



Stephen Schmidt

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Principle Chemist

COA: 2506060052

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Certificate of Analysis

FRAGMENT 176-191 Acetate

Product Name:	FRAGMENT 176-191 Acetate	CAS No.:	
Molecular Formula:	C78H125N23O23S2	Molecular Weight:	1817.12
Quantity:	20g	Manufacturing Date:	03-07-2020
Batch NO:	PS-500282, PS-500283	Retest Date:	03-07-2022
Sequence	Tyr-Leu-Arg-Ile-Val-Gln-Cys-Arg-Ser-Val-Glu-Gly-Ser-Cys-Gly-Phe		
Store at:	Cool dry place (-20°C, away from the light)		

Tests:	Specifications	Results
Appearance	White powder	Conforms
Purity (HPLC)	≥95%	99.00%
Single Impurity (HPLC)	≤2.0%	Conforms
Amino Acid Composition	10% of theoretical	Conforms
Peptide Content (N%)	≥80.0%	85.2%
Water Content (Karl Fischer)	≤8.0%	5.6%
Acetate Content (HPIC)	≤12.0%	8.2%
Mass Balance	95.0~105.0%	Conforms

Quality Assured by: Mike P 03-07-2020

1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant.
2) The above material is to be used exclusively for in vitro laboratory research purposes only. It has no commercial resale value. It is NOT for Human or Animal Consumption.
3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.
It is NOT a drug, medicine or a controlled substance.
4) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
This Material is NON-HAZARDOUS & NON-TOXIC
For Laboratory Research Use Only – NOT for human use.

Quality Control:

Date 11-01-2024

Jeremy
L.