

CERTIFICATE OF ANALYSIS

Product Name:	Frag 176-191	CAS Number:	66004-57-7
Molecular Formula:	C ₇₈ H ₁₂₃ N ₂₃ O ₂₃ S ₂	Molecular Weight:	1817.1
Quantity:	100g	Date of Analysis:	2024-12-14
Storage:	Airtight container (-15°C, away from light)	Retest Date:	2026-12-13

Sequence:	Tyr-Leu-Arg-Ile-Val-Gln-Cys-Arg-Ser-Val-Glu-Gly-Ser-Cys-Gly-Phe
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Tests	Specifications	Results
Appearance	White to off-white powder	Conforms
Purity (HPLC)	≥98.0%	99.0%
Acetate Content (HPLC)	≤1.0%	Conforms
Peptide Content (N%)	≥80.0%	87%
Water Content (Karl Fischer)	≤8.0%	4.1%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Conclusion:	Complies with the manufacturer's standard.
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DISCLAIMER:

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant material.
- 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.
- 4) It is NOT a drug or a controlled substance.
- 5) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- 6) The material is NON-HAZARDOUS.