

CERTIFICATE OF ANALYSIS

Product Name:	HCG	CAS Number:	9002-61-3
Molecular Formula:	C ₁₁₀₅ H ₁₇₇₀ N ₃₁₈ O ₃₃₆ S ₂₆	Molecular Weight:	340.37
Quantity:	100g	Date of Analysis:	2025-02-16
Storage:	In an air tight container, protected from light at temperature 2-8°C	Retest Date:	2027-02-15

Sequence:	Ala-Asp-Val-Gln-Asp-Cys-Pro-Glu-Cys-10-Thr-Leu-Gln-Asp-Pro-Phe-Ser-Gln-20-Pro-Gly-Ala-Pro-Ile-Leu-Gln-Cys-Met-Gly-30-Cys-Cys-Phe-Ser-Arg-Ala-Tyr-Pro-Thr-Pro-40-Leu-Arg-Ser-Lys-Lys-Thr-Met-Leu-Val-Gln-50-Lys-Asn-Val-Thr-Ser-Glu-Ser-Thr-Cys-Cys-60-Val-Ala-Lys-Ser-Thr-Asn-Arg-Val-Thr-Val-70-Met-Gly-Gly-Phe-Lys-Val-Glu-Asn-His-Thr-80-Ala-Cys-His-Cys-Ser-Thr-Cys-Tyr-Tyr-His-90-Lys-Ser
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Tests	Specifications	Results
Appearance	White to yellowish-white powder	Conforms
Purity (HPLC)	≥5000IU/mg	6907 IU/mg
Acetate Content (HPLC)	≤2.0%	Conforms
Peptide Content (N%)	≥90.0%	Conforms
Water Content (Karl Fischer)	≤5.0%	3.7%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Conclusion:	Complies with the manufacturer's standard.
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<p>DISCLAIMER:</p> <p>1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant material.</p> <p>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.</p> <p>3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.</p> <p>4) It is NOT a drug or a controlled substance.</p> <p>5) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.</p> <p>6) The material is NON-HAZARDOUS.</p>
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