



PEPTIDE
WORKS

HGH

Certificate of Analysis

Product Name	HGH		
CAS No.	12629-01-5, 82030-87-3	Batch No.	20250920001
Date of Producing	2025-09-20	Molecular Formula	$C_{990}H_{1528}N_{262}O_{300}S_7$
Retest Date	2027-09-20	Molecular Weight	22124.12
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Solubility	soluble in water	Conforms
Molecular weight (SDS-PAGE)	15-25KDa	Conforms
Peptide Purity (By HPLC)	≥95.0%	99.5%
pH	6.5-8.5	7.4
Bacterial endotoxin	<5.0EU/mg	<2.5EU/mg
Aerobic bacterial count	≤100cfu/g	<10cfu/g
Dissolution rate	Within 1 minute	Conforms
Dimer	<1.0%	0.021%

Conclusion	According to "rhGH quality standard", the test results meet the In-house standard
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Analyst: Judy Liu

Checker: Kim Huang

Approved by: John Ru