

# CERTIFICATE OF ANALYSIS

Product Name	Human Chorionic Gonadotropin	CAS NO.	9002-61-3
Batch NO.	NCHCG251021	Molecular formula	C1105H1770N318O336S2
Manufacture Date	Oct. 21, 2025	Molecular weight	25719.77
Reference standard	Enterprise Standard		

TEST	SPECIFICATION	RESULTS
Appearance	White or almost white powder	Conforms
Identity by HPLC	The retention time of the main principal of the test Solution corresponds to that of the reference Solution, as obtained in the assay	Conforms
Solubility	Soluble in water	Conforms
Purity(HPLC)	95.0%105.0%	100.3%
Transmissivity(410nm)	No less than 90%(10000iu/03ml)	Conforms
Potency(Strength)	No less than 10000IU/mg	10856IU/mg
Bacterial Endotoxins	$\leq 5.0$ EU/10000IU	Conforms
pH	6.0~8.0	6.8
Loss on drying	$\leq 5.0\%$	1.8%
Residual solution(Ethanol)	$\leq 5.0\%$	0.32%
Conclusion	This product conforms to the Enterprise Standard.	

**Note: this product is intended for research use only**

**Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.**

**QC DIRECTOR:** GE LINGLING

**CHECKER:**MIUQIN

**INSPECTOR:**QIAN YUN