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CERTIFICATE OF ANALYSIS

Product Name	Chorionic Gonadotropin (HCG)
Lot No.	SHXH2025120101
Cas no	9002-61-3
Molecular formula	C17H28
Dissolution condition	100%H2O
Molecular Weight (MW)	232.404
Storage	Cool dry place (-20°C away from the light)

Test Items	**Specifications**	**Results**
Appearance	White or off white powder	White powder
Residual solvents	Ethanol ≤0.5%	0.5%
Estrogenic activity	Negative	Negative
Hepatitis B surface antigen	Negative	Negative
Water content	≤5%	2.4%
Abnormal toxicity	Conforms of standard	Conforms
Bacterial endotocins	<0.010EU per IU of chorionic gonadotrophin	Conforms
Potency	Not less than 4500IU/mg	5722IU/mg
Absorbance - 260 nm,(pH 7.5)	17.0 - 19.0 x 103 L/mol/cm	17.8 x 103 L/mol/cm
Conclusion		Conforms

Q/A Manager: Lianghaiqi **Dec/01/2025**