

HMG

Certificate of Analysis

Product Name	HMG (Human Menopausal Gonadotrophin)		
CAS No.	61489-71-2	Batch No.	20250910014
Date of Producing	2025-09-10	Molecular Formula	C9H18O
Retest Date	2027-09-10	Molecular Weight	142.23862
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Identification	Cause enlargement of the ovaries of immature female rats and increases the weight of the seminal vesicles and prostate gland of immature male rats	Conforms
Loss on drying	≤5.0%	4.6%
Abnormal toxicity	Absent at 100U/0.5ml/mouse	Conforms
Bacterial endotoxin	<2.5EU/IU FSH	Conforms
FSH Assay (Bio-activity)	≥400IU/mg	711.12IU/mg
LH Assay (Bio-activity)	Report the test value	720.65IU/mg
LH:FSH	About 1:1	Conform
Ph	6.0-8.0	7.3
HBs Ag(ELISA)	Negative(1,000IU/ml)	Conform
HIV I Antibody(ELISA)	Negative(1,000IU/ml)	Conform
Anti-HCV Antibody(ELISA)	Negative(1,000IU/ml)	Conform

Conclusion	Conforms to the Enterprise standard
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