

Certificate of Analysis

Product	HMG (Human Menopausal Gonadotropin)	CAS No.:	9002-68-0
Product No.:	G75	Form / Formula	Glycoprotein mixture (FSH + LH)
Sequence	Urinary gonadotropin mixture: FSH + LH glycoproteins (1:1 activity) <i>Menotropins; potency in IU; contains a small amount of hCG</i>		
Molecular Weight	~30-37 kDa	Quantity	75 IU per vial (75 IU FSH + 75 IU LH)
Batch No.	HMG-2802B	Storage Temp.	-20±5°C
Mfg. Date	Nov.23 rd , 2025	Retest Date	Nov.23 rd , 2027

【ITEMS】		【SPECIFICATIONS】	【RESULTS】
Appearance		White to off-white lyophilized powder/cake	White fluffy powder
Solubility		Soluble in water / saline	Conforms
Solution clarity and color		Clear and colorless liquid	Conforms
Identification	Immunoassay	Specific immunoreactivity corresponds to the reference standard.	Conforms
	RP-HPLC / SDS-PAGE	Principal band/peak corresponds to the reference standard.	Conforms
FSH activity (bioassay)		80.0%~125.0% of labeled (75 IU)	105% of labeled IU
LH activity (bioassay)		80.0%~125.0% of labeled (75 IU)	113% of labeled IU
Protein purity (SDS-PAGE)		NLT 95.0%	99.1%
Water content (LOD)		NMT 5.0%	3.5%
pH (reconstituted)		6.0~8.0	6.5
Bacterial endotoxins		NMT 10 EU/mg	7.1EU/mg
Abnormal toxicity (USP)		Complies	Conforms
Microbial Limits		Total aerobic bacteria ≤100cfu/g	Conforms
		Mould & Yeast ≤10cfu/g	Conforms
		Staphylococcus aureus: absence in 1g	absent
		Pseudomonas aeruginosa: absence in 1g	absent
Assay (biological potency)		80.0%~125.0% of labeled (75 IU)	105% of labeled IU
Storage		Keep in tight container, protect from light, store at a temperature of -20±5°C.	
Report		TQC01	Date: Jun. 22 th . 2026
Reviewer			Date: Jun. 22 th . 2026
Conclusion: This batch of product complies with Enterprise Standard.			

合格

It is only supplied as chemical product.
It is only for R&D use.