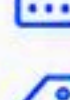


HGH (SOMATROPINE)

Recombinant Human Growth Hormone

Test basis: EP 5.0

10 IU

	Product No.:	N/A		Report Date:	Apr 7, 2025
	Batch No.:	20250408		Date of Mfg.:	Apr 25, 2025
	CAS:	12629-01-5		Date of Exp.:	Mar 2027
				Appearance:	White freeze dried powder

Description: 191-amino-acid recombinant human growth hormone (somatropin)

TEST	SPECIFICATION	RESULT
1. Characters	White freeze dried powder	Conforms
2. Identification A (IEF)	Corresponds to reference	Conforms
3. Identification B (HPLC/RP)	Corresponds to reference	Conforms
4. Identification C (Peptide Mapping)	Corresponds to reference	Conforms
5. Identification D (HPLC/SEC)	Corresponds to reference	Conforms
6. pH	6.5–8.5	7.3
7. Related protein (HPLC/RP)	Not greater than 13%	3.40%
8. Dimer and related substance of high molecular mass (HPLC/SEC)	Not greater than 6%	0.10%
9. Isoform distribution	Not greater than 6.25%	Conforms
10. Water	Not greater than 3%	1.50%
11. Bacterial endotoxins	Not greater than 5 IU/mg hGH	<5 IU/mg hGH
12. Host cell derived protein	Not greater than 20 ng/mg hGH	12 ng/mg hGH
13. Host-cell and vector-derived DNA	Not greater than 20 pg/mg hGH	<10 pg/mg hGH
14. Test for sterility	Conforms	Conforms
15. Assay (HPLC/SEC)	90%–110% of the amount of somatropin stated on the label	100.20%

-  **STORAGE:** In a sterile, airtight container at 2–8°C.
-  **SHELF LIFE:** 24 months when stored as directed.
-  **CONCLUSION:** Fulfills European Pharmacopoeia 5.0 specifications.

IT IS ONLY SUPPLIED AS CHEMICAL PRODUCT.
USED ONLY FOR RESEARCH. NOT FOR HUMAN USE.



VERIFY THIS COA

Scan the QR code to
verify authenticity and
view batch information.

<https://virexalabs.io/verify>



Janie.zhang

Analysis: Janie.zhang
Date: 2025.04.07



Christ.zheng

Approved by: Christ.zheng
Date: 2025.04.07

