

GenoTropin HGH 191aa Pen

Growth Hormone • 108IU • Research Use Only

1. SAMPLE IDENTIFICATION

Product	GenoTropin HGH 191aa Pen	Batch / Lot no.	GP26-2210
Category	Growth Hormone	Strength	108IU
Presentation	Pre-Filled Pen	Dosage form	Pre-Filled Pen (reconstituted)
Reconstitution solvent	0.9% Benzyl Alcohol Sterile Water	Lab report no.	PLX-202610-50210

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3910.9 m/z	[M+H] ⁺ theoretical	3910.9 m/z
[M+2H] ²⁺ observed	1956.0 m/z	Mass deviation	+0.0 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.0 % (area normalisation)	Content, % of label claim	101.0 %
Measured content	109.1 IU/pen (label claim 108IU)		

4. ANALYTICAL DATA

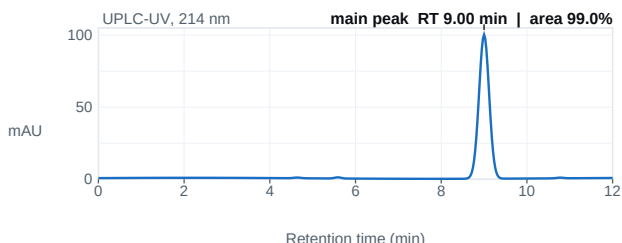


Fig. 1 — UPLC chromatogram; main peak 9.00 min, 99.0% area.

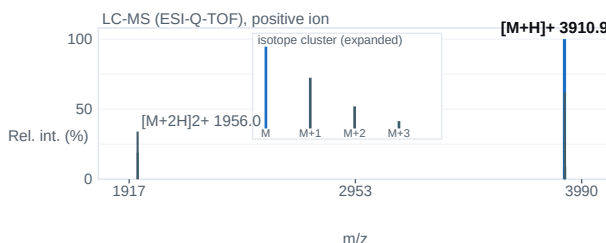


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3910.9 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.0%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. L. Chen	Approved (QA)	Dr. P. Achebe
Date of test	12 October 2026	Date of manufacture	23 September 2026
Expiry	23 September 2027	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2210**

Verification key: **K7M8-PX5X**

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