

GenoTropin HGH 191aa Pen

Growth Hormone • 100IU • Research Use Only

1. SAMPLE IDENTIFICATION

Product	GenoTropin HGH 191aa Pen	Batch / Lot no.	GP26-2211
Category	Growth Hormone	Strength	100IU
Presentation	Pre-Filled Pen	Dosage form	Pre-Filled Pen (reconstituted)
Reconstitution solvent	0.9% Benzyl Alcohol Sterile Water	Lab report no.	PLX-202610-50211

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3911.0 m/z	[M+H] ⁺ theoretical	3910.9 m/z
[M+2H] ²⁺ observed	1956.0 m/z	Mass deviation	+0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.7 % (area normalisation)	Content, % of label claim	100.5 %
Measured content	100.5 IU/pen (label claim 100IU)		

4. ANALYTICAL DATA

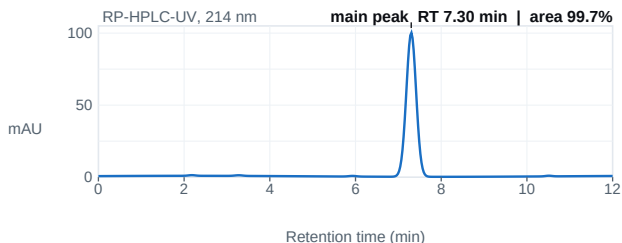


Fig. 1 — HPLC chromatogram; main peak 7.30 min, 99.7% area.

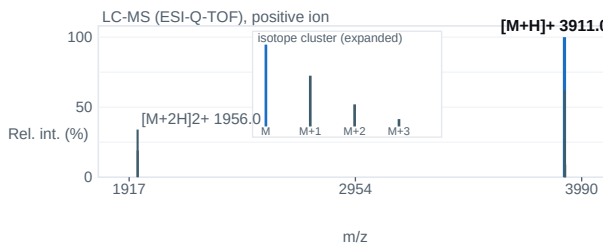


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3911.0 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.7%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. N. Kowalski
Date of test	11 October 2026	Date of manufacture	22 September 2026
Expiry	22 September 2027	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2211**

Verification key: **ZQY3-GZSC**

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