

Somatropin HGH 191-AA Research Kits (with Bacteriostatic Water)

Growth Hormone & IGF • 150 IU Kit (10×15iu) • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Somatropin HGH 191-AA Research Kits (with Bacteriostatic Water)	Batch / Lot no.	GP26-2164
Category	Growth Hormone & IGF	Strength	150 IU Kit (10×15iu)
Presentation	Research Kit	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1364.8 m/z	[M+H] ⁺ theoretical	1364.8 m/z
[M+2H] ²⁺ observed	682.9 m/z	Mass deviation	+0.0 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.9 % (area normalisation)	Content, % of label claim	101.2 %

4. ANALYTICAL DATA

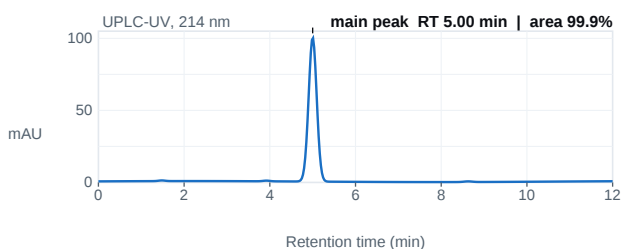


Fig. 1 — UPLC chromatogram; main peak 5.00 min, 99.9% area.

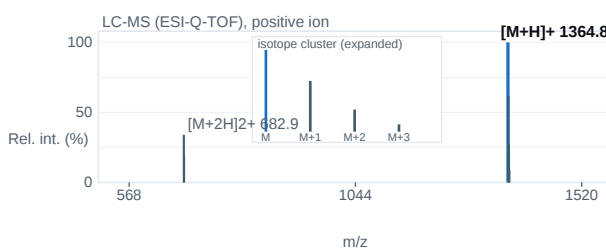


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1364.8 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.9%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. P. Achebe
Date of test	20 August 2026	Date of manufacture	5 August 2026
Expiry	5 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2164**

Verification key: **6MM7-WFEM**

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Enter the report ID and verification key on the page above, or scan the QR code, to confirm this certificate is genuine.



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