

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

Growth Hormone & IGF • 120 IU Kit (10×12iu) • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Somatropin HGH 191-AA Research Kits (with Bacteriostatic Water)	Batch / Lot no.	GP26-2160
Category	Growth Hormone & IGF	Strength	120 IU Kit (10×12iu)
Presentation	Research Kit	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3320.9 m/z	[M+H] ⁺ theoretical	3321.5 m/z
[M+2H] ²⁺ observed	1661.3 m/z	Mass deviation	-0.6 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	98.6 % (area normalisation)	Content, % of label claim	100.3 %

4. ANALYTICAL DATA

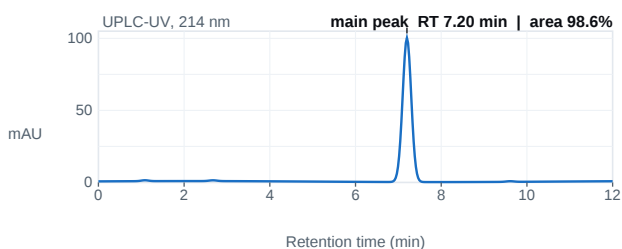


Fig. 1 — UPLC chromatogram; main peak 7.20 min, 98.6% area.

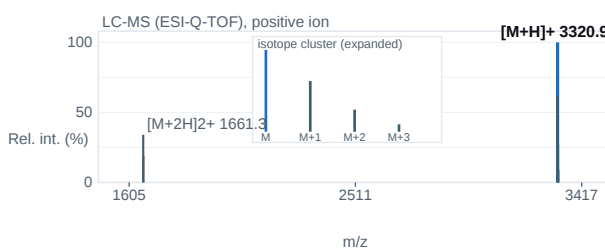


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3320.9 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 98.6%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. E. Vasquez	Approved (QA)	Dr. H. Bergström
Date of test	30 August 2026	Date of manufacture	14 August 2026
Expiry	14 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2160**

Verification key: **TX59-X3BH**

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