

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

Growth Hormone & IGF • 360 IU Kit (10×36iu) • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Somatotropin HGH 191-AA Research Kits (with Bacteriostatic Water)	Batch / Lot no.	GP26-2162
Category	Growth Hormone & IGF	Strength	360 IU Kit (10×36iu)
Presentation	Research Kit	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1080.9 m/z	[M+H] ⁺ theoretical	1081.5 m/z
[M+2H] ²⁺ observed	541.3 m/z	Mass deviation	-0.6 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	98.5 % (area normalisation)	Content, % of label claim	99.3 %

4. ANALYTICAL DATA

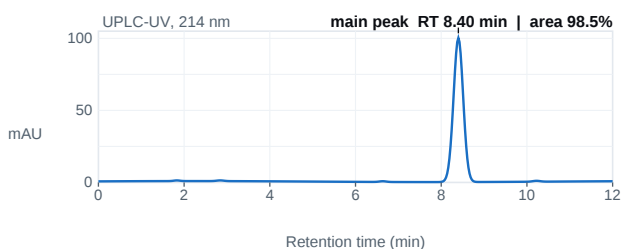


Fig. 1 — UPLC chromatogram; main peak 8.40 min, 98.5% area.

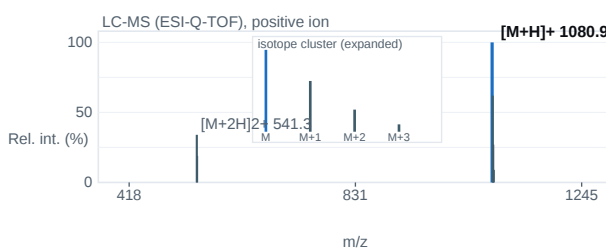


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1080.9 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.5%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. N. Kowalski
Date of test	5 September 2026	Date of manufacture	18 August 2026
Expiry	18 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2162**

Verification key: **FS9C-BFDN**

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