PURALYTIX
INDEPENDENT LABORATORY ANALYSIS

Puralytix Analytical Laboratories
Independent third-party analytical laboratory
ISO/IEC 17025:2017 (ref. PLX-UKAS-8847)

CERTIFICATE OF ANALYSIS

Lab Report No. **PLX-202608-50160**
Batch / Lot **GP26-2160**
Issued 30 August 2026

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 % (12.04 IU/vial)

4. ANALYTICAL DATA

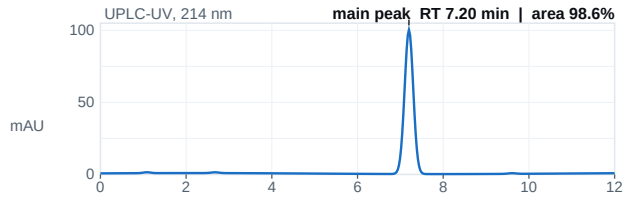


Fig. 1 — UPLC chromatogram; main peak 7.20 min, 98.6% area.

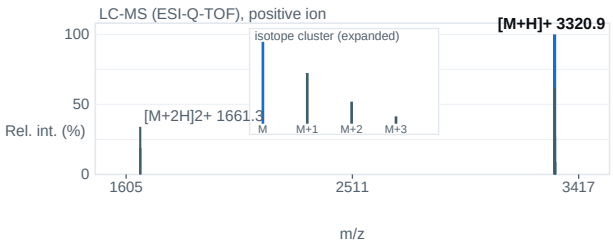


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]+ 3320.9 m/z.

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**

puralytix.com/report-verification

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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