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-202609-50082**
Batch / Lot **GP26-2082**
Issued 3 September 2026

HCG (Human Chorionic Gonadotropin)

Reproductive & Hormone • 10000 IU • Research Use Only

1. SAMPLE IDENTIFICATION

Product	HCG (Human Chorionic Gonadotropin)	**Batch / Lot no.**	GP26-2082
Category	Reproductive & Hormone	**Strength**	10000 IU
Presentation	Research Vial	**Dosage form**	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	**Result**	Conforms to reference standard
[M+H]+ observed	3586.8 m/z	**[M+H]+ theoretical**	3587.0 m/z
[M+2H]2+ observed	1794.0 m/z	**Mass deviation**	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	**Method**	UPLC-UV, 214 nm
Chromatographic purity	99.5 % (area normalisation)	**Content, % of label claim**	98.7 % (9870 IU/vial)

4. ANALYTICAL DATA

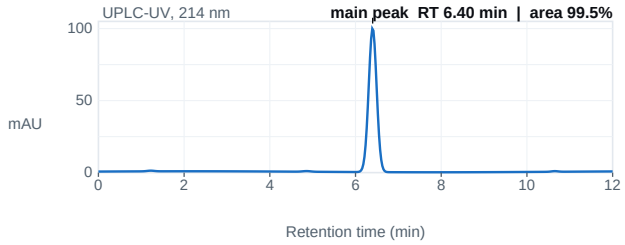


Fig. 1 — UPLC chromatogram; main peak 6.40 min, 99.5% area.

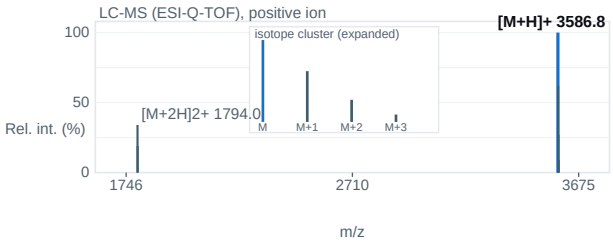


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]+ 3586.8 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.5%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. R. Okonkwo	**Approved (QA)**	Dr. H. Bergström
Date of test	3 September 2026	**Date of manufacture**	14 August 2026
Expiry	14 August 2029	**Laboratory**	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2082**

Verification key: **68T9-2WWN**

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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