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-202608-50081**
Batch / Lot **GP26-2081**
Issued 24 August 2026

HCG (Human Chorionic Gonadotropin)

Reproductive & Hormone • 2000 IU • Research Use Only

1. SAMPLE IDENTIFICATION

Product	HCG (Human Chorionic Gonadotropin)	**Batch / Lot no.**	GP26-2081
Category	Reproductive & Hormone	**Strength**	2000 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	1117.4 m/z	**[M+H]+ theoretical**	1117.7 m/z
[M+2H]2+ observed	559.4 m/z	**Mass deviation**	-0.3 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	**Method**	RP-HPLC-UV, 214 nm
Chromatographic purity	98.8 % (area normalisation)	**Content, % of label claim**	99.2 % (1984 IU/vial)

4. ANALYTICAL DATA

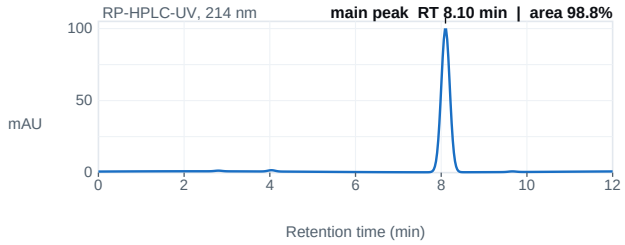


Fig. 1 — HPLC chromatogram; main peak 8.10 min, 98.8% area.

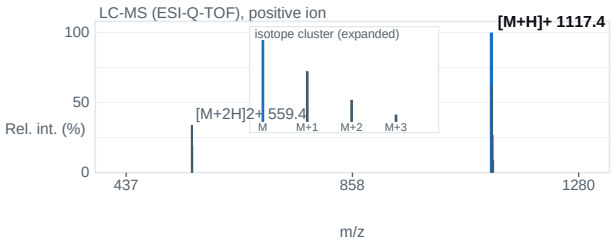


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]+ 1117.4 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.8%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. A. Novak	**Approved (QA)**	Dr. N. Kowalski
Date of test	24 August 2026	**Date of manufacture**	9 August 2026
Expiry	9 August 2029	**Laboratory**	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2081**

Verification key: **SNK7-R7M7**

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.

Scan to verify

Puralytix Analytical Laboratories provides independent analytical testing and informational reports only. This certificate relates solely to the sample identified above and to the test methods stated. Results are subject to the inherent limitations and detection thresholds of the methods used. Puralytix does not provide medical, dosing, sourcing, legal or consumption advice, and no result implies that any substance is safe, approved, lawful or suitable for human use. **For research use only.** Clients are responsible for complying with the laws of their own jurisdiction. This document may not be reproduced except in full.