

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 %

4. ANALYTICAL DATA

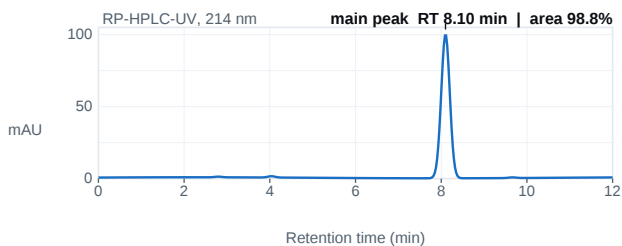


Fig. 1 — HPLC chromatogram; main peak 8.10 min, 98.8% area.

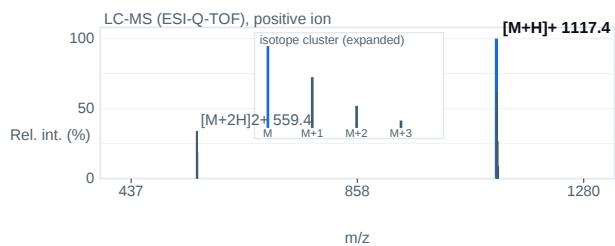


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1117.4 m/z.

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**

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