

Puralytix Analytical Laboratories

Independent third-party analytical laboratory

ISO/IEC 17025:2017 (ref. PLX-UKAS-8847)

HMG (Human Menopausal Gonadotropin) 75 IU

Reproductive & Hormone • 75IU • Research Use Only

1. SAMPLE IDENTIFICATION

Product	HMG (Human Menopausal Gonadotropin) 75 IU	Batch / Lot no.	GP26-2080
Category	Reproductive & Hormone	Strength	75IU
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3173.8 m/z	[M+H] ⁺ theoretical	3174.4 m/z
[M+2H] ²⁺ observed	1587.7 m/z	Mass deviation	-0.6 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.6 % (area normalisation)	Content, % of label claim	99.7 %

4. ANALYTICAL DATA

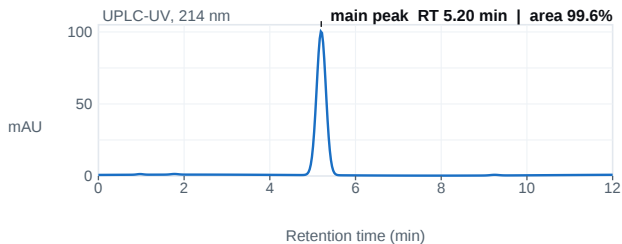


Fig. 1 — UPLC chromatogram; main peak 5.20 min, 99.6% area.

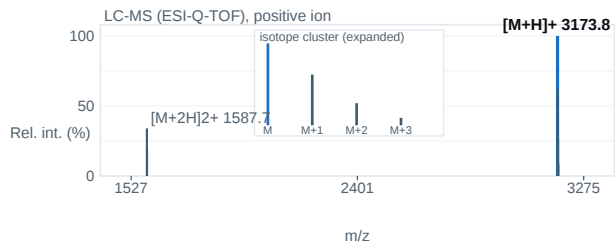


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3173.8 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.6%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. P. Achebe
Date of test	28 August 2026	Date of manufacture	9 August 2026
Expiry	9 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2080**

Verification key: **CEZU-WGRD**

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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Puralytix Analytical Laboratories — 71 Vazha-Pshavela Avenue, Block 2, Saburtalo District, 0186 Tbilisi, Georgia • PLX-202608-50080