

Gonadorelin

Reproductive & Hormone • 2mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Gonadorelin	Batch / Lot no.	GP26-2031
Category	Reproductive & Hormone	Strength	2mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3427.0 m/z	[M+H] ⁺ theoretical	3427.4 m/z
[M+2H] ²⁺ observed	1714.2 m/z	Mass deviation	-0.4 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.8 % (area normalisation)	Content, % of label claim	101.0 %
Measured content	2.02 mg/vial (label claim 2mg)		

4. ANALYTICAL DATA

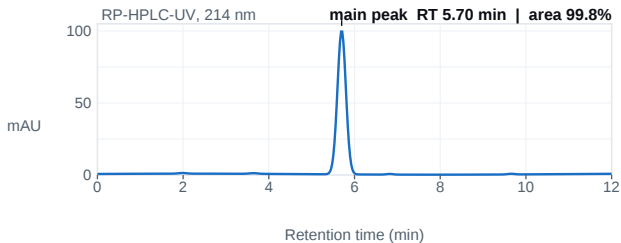


Fig. 1 — HPLC chromatogram; main peak 5.70 min, 99.8% area.

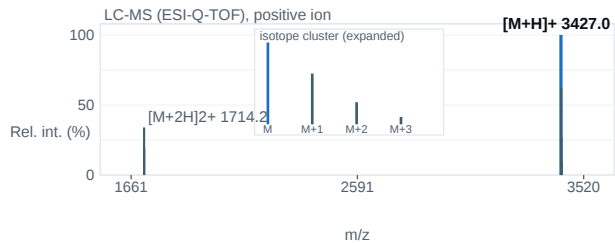


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3427.0 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.8%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. H. Bergström
Date of test	3 September 2026	Date of manufacture	17 August 2026
Expiry	17 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2031**

Verification key: **SPF6-44V4**

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