

Sermorelin GHRH Analogue

Growth Hormone & IGF • 2mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Sermorelin GHRH Analogue	Batch / Lot no.	GP26-2129
Category	Growth Hormone & IGF	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	2038.1 m/z	[M+H] ⁺ theoretical	2038.7 m/z
[M+2H] ²⁺ observed	1019.9 m/z	Mass deviation	-0.6 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.4 % (area normalisation)	Content, % of label claim	101.3 %
Measured content	2.03 mg/vial (label claim 2mg)		

4. ANALYTICAL DATA

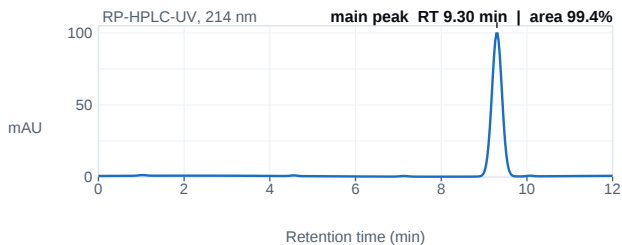


Fig. 1 — HPLC chromatogram; main peak 9.30 min, 99.4% area.

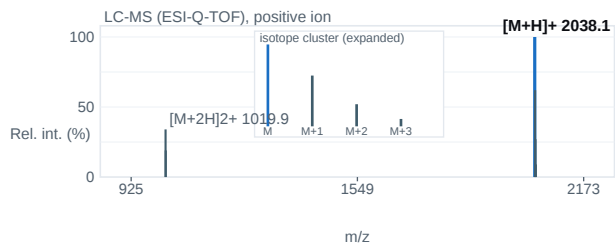


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2038.1 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.4%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. N. Kowalski
Date of test	27 August 2026	Date of manufacture	12 August 2026
Expiry	12 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2129**

Verification key: **MZHP-VDUD**

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