

Sermorelin GHRH Analogue

Growth Hormone & IGF • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Sermorelin GHRH Analogue	Batch / Lot no.	GP26-2127
Category	Growth Hormone & IGF	Strength	10mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3488.4 m/z	[M+H] ⁺ theoretical	3488.3 m/z
[M+2H] ²⁺ observed	1744.7 m/z	Mass deviation	+0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.5 % (area normalisation)	Content, % of label claim	99.4 %
Measured content	9.94 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

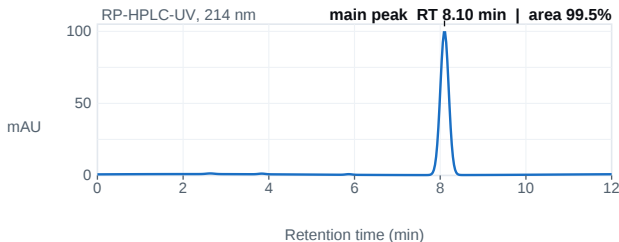


Fig. 1 — HPLC chromatogram; main peak 8.10 min, 99.5% area.

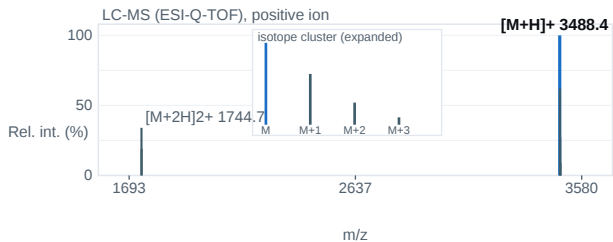


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3488.4 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.5%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. H. Bergström
Date of test	25 August 2026	Date of manufacture	6 August 2026
Expiry	6 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2127**

Verification key: **BV5N-4M22**

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