

Tesamorelin GHRH Analogue

Growth Hormone & IGF • 2mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Tesamorelin GHRH Analogue	Batch / Lot no.	GP26-2133
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	1127.0 m/z	[M+H] ⁺ theoretical	1126.8 m/z
[M+2H] ²⁺ observed	563.9 m/z	Mass deviation	+0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.2 % (area normalisation)	Content, % of label claim	99.3 %
Measured content	1.99 mg/vial (label claim 2mg)		

4. ANALYTICAL DATA

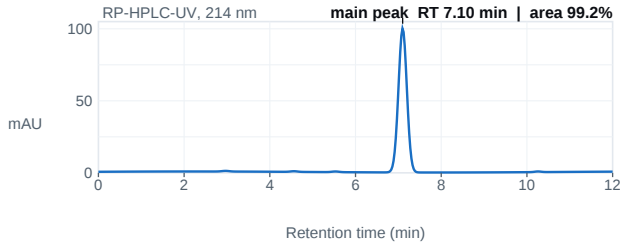


Fig. 1 — HPLC chromatogram; main peak 7.10 min, 99.2% area.

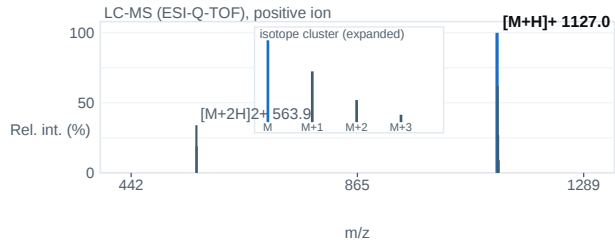


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1127.0 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.2%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	Approved (QA)	Dr. H. Bergström
Date of test	2 September 2026	Date of manufacture	18 August 2026
Expiry	18 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2133**

Verification key: **BZYB-CT9W**

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