

Tesamorelin GHRH Analogue

Growth Hormone & IGF • 20mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Tesamorelin GHRH Analogue	Batch / Lot no.	GP26-2130
Category	Growth Hormone & IGF	Strength	20mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1356.9 m/z	[M+H] ⁺ theoretical	1356.9 m/z
[M+2H] ²⁺ observed	679.0 m/z	Mass deviation	+0.0 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	98.6 % (area normalisation)	Content, % of label claim	100.8 %
Measured content	20.16 mg/vial (label claim 20mg)		

4. ANALYTICAL DATA

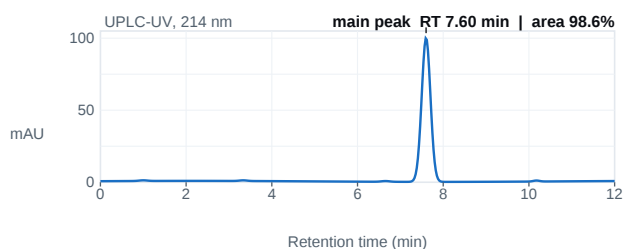


Fig. 1 — UPLC chromatogram; main peak 7.60 min, 98.6% area.

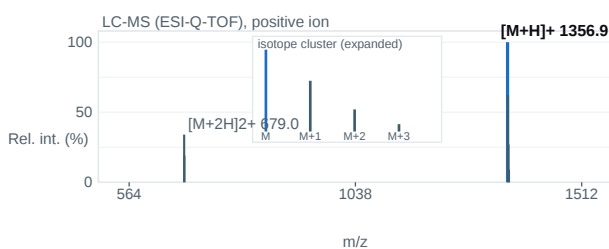


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1356.9 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.6%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. A. Novak	Approved (QA)	Dr. H. Bergström
Date of test	4 September 2026	Date of manufacture	18 August 2026
Expiry	18 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2130**

Verification key: **9HD2-H9ES**

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