

Ipamorelin Growth Hormone Secretagogue

Growth Hormone & IGF • 2mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Ipamorelin Growth Hormone Secretagogue	Batch / Lot no.	GP26-2143
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	3164.3 m/z	[M+H] ⁺ theoretical	3164.6 m/z
[M+2H] ²⁺ observed	1582.8 m/z	Mass deviation	-0.3 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.7 % (area normalisation)	Content, % of label claim	100.1 %
Measured content	2 mg/vial (label claim 2mg)		

4. ANALYTICAL DATA

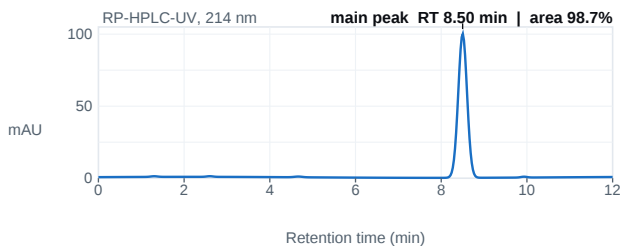


Fig. 1 — HPLC chromatogram; main peak 8.50 min, 98.7% area.

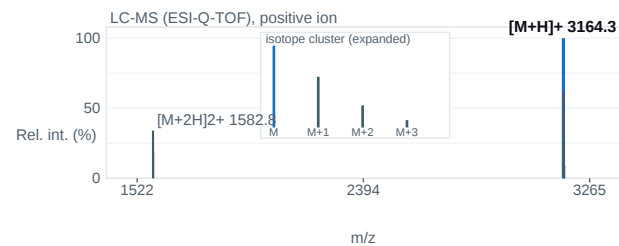


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3164.3 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.7%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. P. Achebe
Date of test	30 August 2026	Date of manufacture	14 August 2026
Expiry	14 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2143**

Verification key: **MSLL-9SVS**

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