

Retatrutide

GLP-1 • 100mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Retatrutide	Batch / Lot no.	GP26-2200
Category	GLP-1	Strength	100mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	2808.1 m/z	[M+H] ⁺ theoretical	2808.1 m/z
[M+2H] ²⁺ observed	1404.6 m/z	Mass deviation	+0.0 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.6 % (area normalisation)	Content, % of label claim	100.6 %
Measured content	100.6 mg/vial (label claim 100mg)		

4. ANALYTICAL DATA

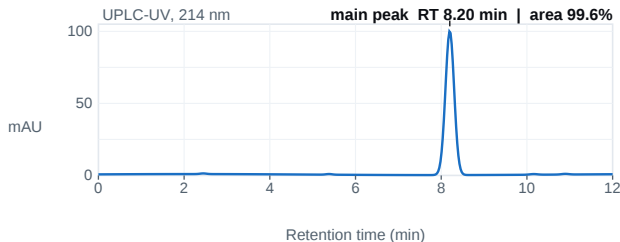


Fig. 1 — UPLC chromatogram; main peak 8.20 min, 99.6% area.

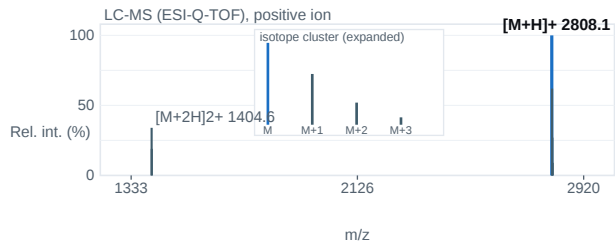


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2808.1 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.6%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. A. Novak	Approved (QA)	Dr. P. Achebe
Date of test	21 August 2026	Date of manufacture	5 August 2026
Expiry	5 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2200**

Verification key: **H9H4-4TX4**

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