

Retatrutide

GLP-1 • 40mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Retatrutide	Batch / Lot no.	GP26-2205
Category	GLP-1	Strength	40mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1806.8 m/z	[M+H] ⁺ theoretical	1807.0 m/z
[M+2H] ²⁺ observed	904.0 m/z	Mass deviation	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.6 % (area normalisation)	Content, % of label claim	101.0 %
Measured content	40.4 mg/vial (label claim 40mg)		

4. ANALYTICAL DATA

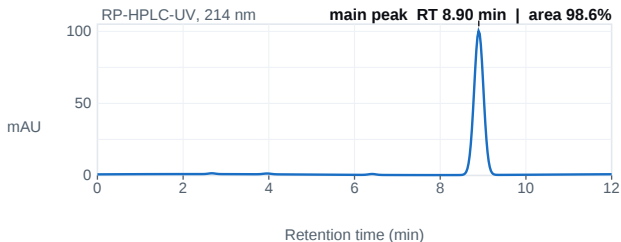


Fig. 1 — HPLC chromatogram; main peak 8.90 min, 98.6% area.

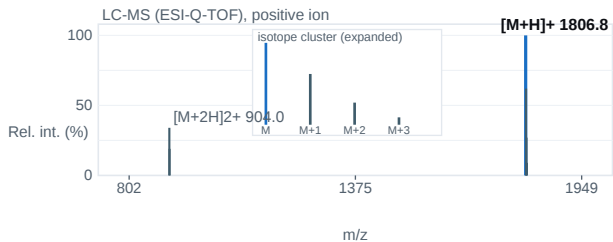


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1806.8 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 98.6%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. L. Chen	Approved (QA)	Dr. H. Bergström
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: **GP26-2205**

Verification key: **CGHP-9A4N**

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