PURALYTIX
INDEPENDENT LABORATORY ANALYSIS

Puralytix Analytical Laboratories
Independent third-party analytical laboratory
ISO/IEC 17025:2017 (ref. PLX-UKAS-8847)

CERTIFICATE OF ANALYSIS

Lab Report No. **PLX-202609-50201**
Batch / Lot **GP26-2201**
Issued 4 September 2026

Retatrutide

GLP-1 • 50mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Retatrutide	**Batch / Lot no.**	GP26-2201
Category	GLP-1	**Strength**	50mg
Presentation	Research Vial	**Dosage form**	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	**Result**	Conforms to reference standard
[M+H]+ observed	3164.9 m/z	**[M+H]+ theoretical**	3165.1 m/z
[M+2H]2+ observed	1583.1 m/z	**Mass deviation**	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	**Method**	RP-HPLC-UV, 214 nm
Chromatographic purity	98.8 % (area normalisation)	**Content, % of label claim**	100.1 %
Measured content	50.05 mg/vial (label claim 50mg)		

4. ANALYTICAL DATA

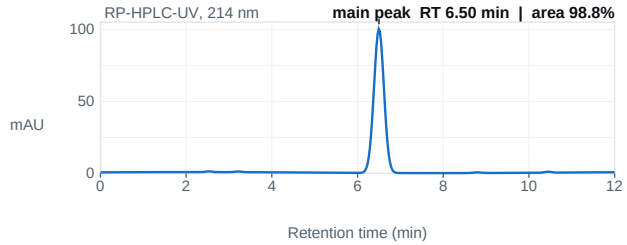

Fig. 1 — HPLC chromatogram; main peak 6.50 min, 98.8% area.

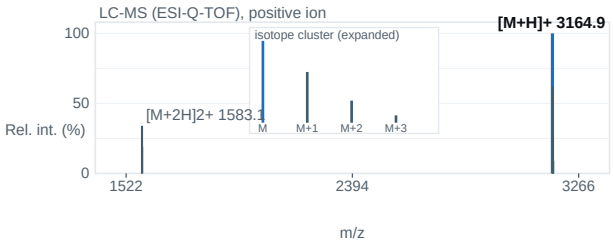

Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]+ 3164.9 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.8%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. R. Okonkwo	**Approved (QA)**	Dr. N. Kowalski
Date of test	4 September 2026	**Date of manufacture**	19 August 2026
Expiry	19 August 2029	**Laboratory**	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2201**

Verification key: **B3TX-8CSN**

puralytix.com/report-verification

Enter the report ID and verification key on the page above, or scan the QR code, to confirm this certificate is genuine.

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