

Tirzepatide

GLP-1 • 70mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Tirzepatide	Batch / Lot no.	GP26-2191
Category	GLP-1	Strength	70mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3357.1 m/z	[M+H] ⁺ theoretical	3357.5 m/z
[M+2H] ²⁺ observed	1679.3 m/z	Mass deviation	-0.4 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.3 % (area normalisation)	Content, % of label claim	99.3 %
Measured content	69.51 mg/vial (label claim 70mg)		

4. ANALYTICAL DATA

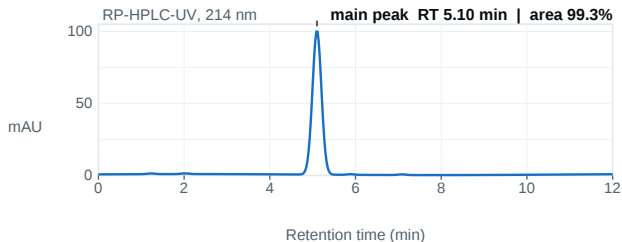


Fig. 1 — HPLC chromatogram; main peak 5.10 min, 99.3% area.

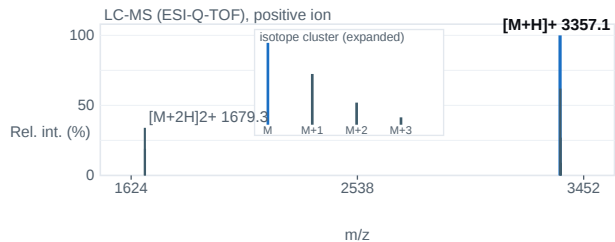


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3357.1 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.3%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. L. Chen	Approved (QA)	Dr. P. Achebe
Date of test	6 September 2026	Date of manufacture	19 August 2026
Expiry	19 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2191**

Verification key: **FNC8-KRX6**

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