

Tirzepatide

GLP-1 • 80mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Tirzepatide	Batch / Lot no.	GP26-2190
Category	GLP-1	Strength	80mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3475.8 m/z	[M+H] ⁺ theoretical	3476.2 m/z
[M+2H] ²⁺ observed	1738.6 m/z	Mass deviation	-0.4 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	98.6 % (area normalisation)	Content, % of label claim	99.8 %
Measured content	79.84 mg/vial (label claim 80mg)		

4. ANALYTICAL DATA

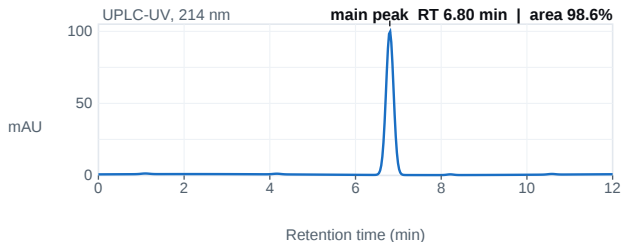


Fig. 1 — UPLC chromatogram; main peak 6.80 min, 98.6% area.

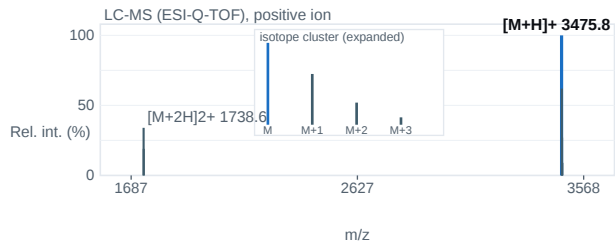


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3475.8 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 98.6%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. H. Bergström
Date of test	23 August 2026	Date of manufacture	4 August 2026
Expiry	4 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2190**

Verification key: **4PMZ-VCR6**

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