

Tirzepatide

GLP-1 • 60mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Tirzepatide	Batch / Lot no.	GP26-2192
Category	GLP-1	Strength	60mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	4012.0 m/z	[M+H] ⁺ theoretical	4011.8 m/z
[M+2H] ²⁺ observed	2006.4 m/z	Mass deviation	+0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	98.5 % (area normalisation)	Content, % of label claim	98.8 %
Measured content	59.28 mg/vial (label claim 60mg)		

4. ANALYTICAL DATA

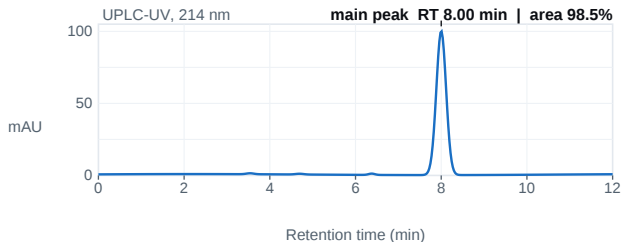


Fig. 1 — UPLC chromatogram; main peak 8.00 min, 98.5% area.

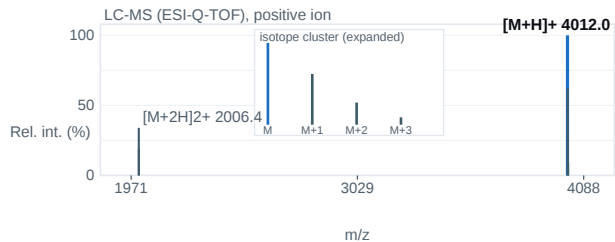


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 4012.0 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.5%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. N. Kowalski
Date of test	28 August 2026	Date of manufacture	8 August 2026
Expiry	8 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2192**

Verification key: **Z5L9-8DCJ**

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