

Tirzepatide

GLP-1 • 15mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Tirzepatide	Batch / Lot no.	GP26-2194
Category	GLP-1	Strength	15mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1063.0 m/z	[M+H] ⁺ theoretical	1063.2 m/z
[M+2H] ²⁺ observed	532.1 m/z	Mass deviation	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.9 % (area normalisation)	Content, % of label claim	100.7 %
Measured content	15.11 mg/vial (label claim 15mg)		

4. ANALYTICAL DATA

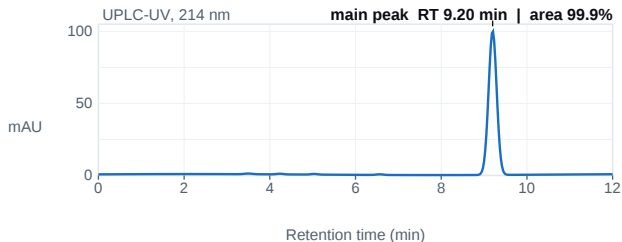


Fig. 1 — UPLC chromatogram; main peak 9.20 min, 99.9% area.

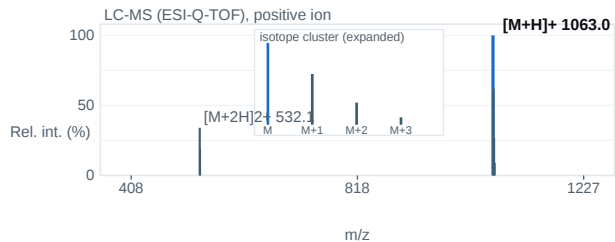


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1063.0 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.9%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. R. Okonkwo	Approved (QA)	Dr. P. Achebe
Date of test	31 August 2026	Date of manufacture	16 August 2026
Expiry	16 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2194**

Verification key: **7B4M-65JF**

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