

Tirzepatide

GLP-1 • 40mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Tirzepatide	Batch / Lot no.	GP26-2196
Category	GLP-1	Strength	40mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3880.3 m/z	[M+H] ⁺ theoretical	3880.8 m/z
[M+2H] ²⁺ observed	1940.9 m/z	Mass deviation	-0.5 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.8 % (area normalisation)	Content, % of label claim	99.7 %
Measured content	39.88 mg/vial (label claim 40mg)		

4. ANALYTICAL DATA

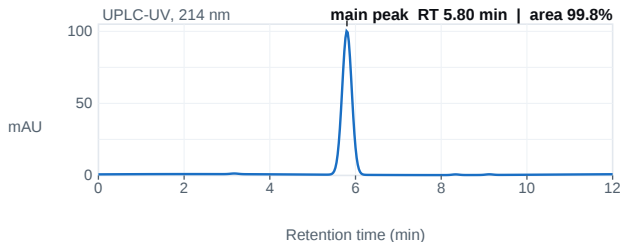


Fig. 1 — UPLC chromatogram; main peak 5.80 min, 99.8% area.

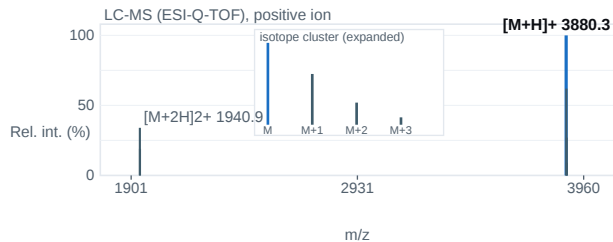


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3880.3 m/z.

RESULT **PASS** — Identity conforms; chromatographic purity 99.8%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	Approved (QA)	Dr. H. Bergström
Date of test	6 September 2026	Date of manufacture	22 August 2026
Expiry	22 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2196**

Verification key: **AASB-Y626**

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