

Liraglutide

GLP-1 • 5mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Liraglutide	Batch / Lot no.	GP26-2041
Category	GLP-1	Strength	5mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	2666.0 m/z	[M+H] ⁺ theoretical	2666.6 m/z
[M+2H] ²⁺ observed	1333.8 m/z	Mass deviation	-0.6 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.3 % (area normalisation)	Content, % of label claim	98.9 %
Measured content	4.95 mg/vial (label claim 5mg)		

4. ANALYTICAL DATA

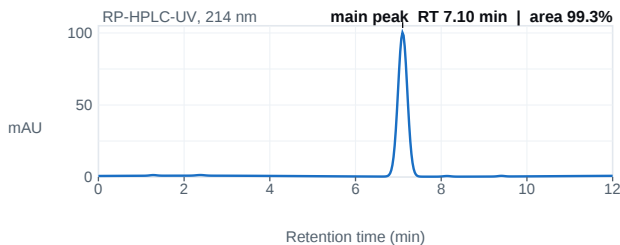


Fig. 1 — HPLC chromatogram; main peak 7.10 min, 99.3% area.

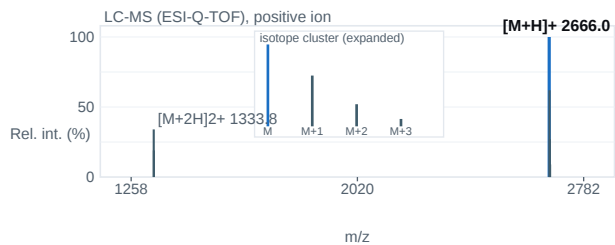


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2666.0 m/z.

RESULT **PASS** — Identity conforms; chromatographic purity 99.3%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. E. Vasquez	Approved (QA)	Dr. P. Achebe
Date of test	30 August 2026	Date of manufacture	15 August 2026
Expiry	15 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2041**

Verification key: **67U6-UR5Q**

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