

Semaglutide

GLP-1 • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Semaglutide	Batch / Lot no.	GP26-2185
Category	GLP-1	Strength	10mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	4134.0 m/z	[M+H] ⁺ theoretical	4134.2 m/z
[M+2H] ²⁺ observed	2067.6 m/z	Mass deviation	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.6 % (area normalisation)	Content, % of label claim	99.4 %
Measured content	9.94 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

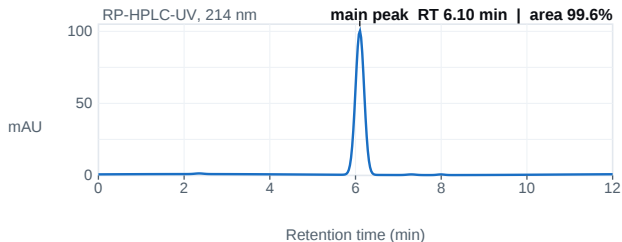


Fig. 1 — HPLC chromatogram; main peak 6.10 min, 99.6% area.

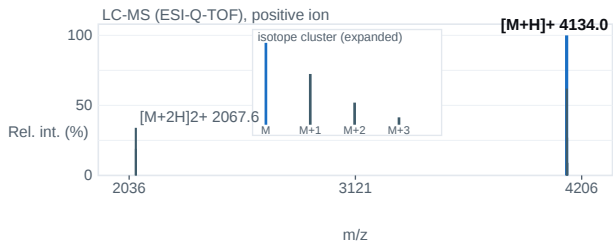


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 4134.0 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.6%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. P. Achebe
Date of test	25 August 2026	Date of manufacture	10 August 2026
Expiry	10 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2185**

Verification key: **FX3Y-BJW2**

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