

Semaglutide

GLP-1 • 30mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Semaglutide	Batch / Lot no.	GP26-2182
Category	GLP-1	Strength	30mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	2699.9 m/z	[M+H] ⁺ theoretical	2700.5 m/z
[M+2H] ²⁺ observed	1350.8 m/z	Mass deviation	-0.6 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.0 % (area normalisation)	Content, % of label claim	100.9 %
Measured content	30.27 mg/vial (label claim 30mg)		

4. ANALYTICAL DATA

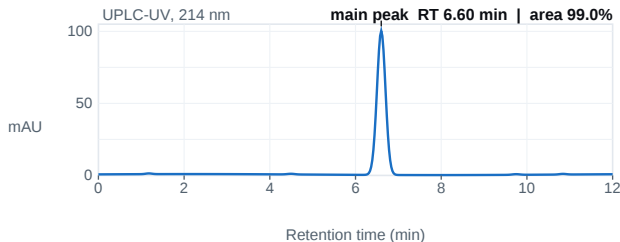


Fig. 1 — UPLC chromatogram; main peak 6.60 min, 99.0% area.

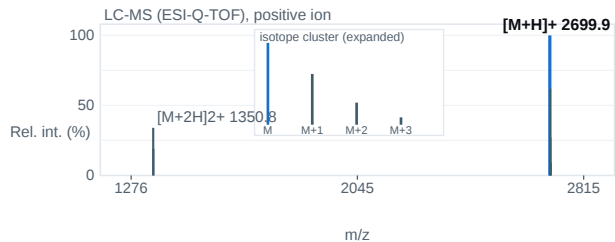


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2699.9 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.0%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	Approved (QA)	Dr. P. Achebe
Date of test	31 August 2026	Date of manufacture	13 August 2026
Expiry	13 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2182**

Verification key: **SQVR-9RKW**

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