

IGF-1 LR3 (Long R3 Insulin-Like Growth Factor-1)

Growth Hormone & IGF • 0.1mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	IGF-1 LR3 (Long R3 Insulin-Like Growth Factor-1)	Batch / Lot no.	GP26-2106
Category	Growth Hormone & IGF	Strength	0.1mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3510.8 m/z	[M+H] ⁺ theoretical	3510.6 m/z
[M+2H] ²⁺ observed	1755.8 m/z	Mass deviation	+0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.8 % (area normalisation)	Content, % of label claim	101.2 %
Measured content	0.1 mg/vial (label claim 0.1mg)		

4. ANALYTICAL DATA

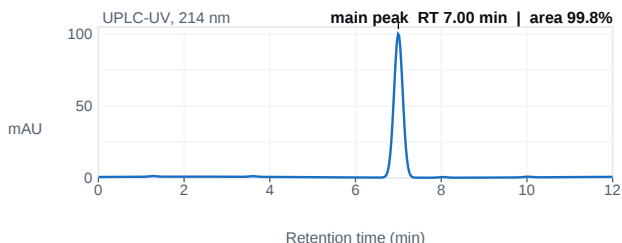


Fig. 1 — UPLC chromatogram; main peak 7.00 min, 99.8% area.

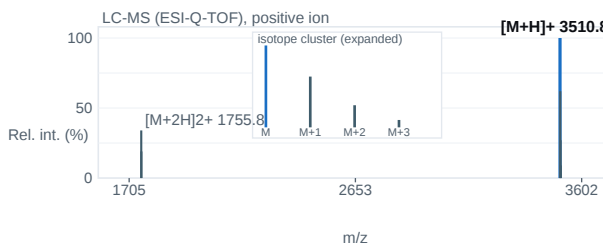


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3510.8 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.8%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. H. Bergström
Date of test	4 September 2026	Date of manufacture	18 August 2026
Expiry	18 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2106**

Verification key: **ZLZ7-896Q**

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Enter the report ID and verification key on the page above, or scan the QR code, to confirm this certificate is genuine.



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