

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

Growth Hormone & IGF • 1mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	IGF-1 LR3 (Long R3 Insulin-Like Growth Factor-1)	Batch / Lot no.	GP26-2105
Category	Growth Hormone & IGF	Strength	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	3240.9 m/z	[M+H] ⁺ theoretical	3240.7 m/z
[M+2H] ²⁺ observed	1620.9 m/z	Mass deviation	+0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.1 % (area normalisation)	Content, % of label claim	98.8 %
Measured content	0.99 mg/vial (label claim 1mg)		

4. ANALYTICAL DATA

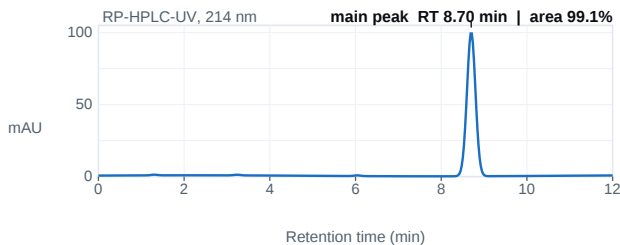


Fig. 1 — HPLC chromatogram; main peak 8.70 min, 99.1% area.

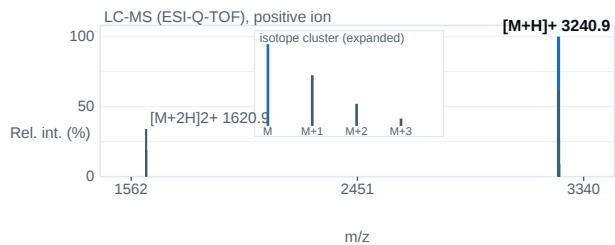


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3240.9 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.1%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	Approved (QA)	Dr. N. Kowalski
Date of test	22 August 2026	Date of manufacture	2 August 2026
Expiry	2 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2105**

Verification key: **PQLH-CLSJ**

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