

GDF-8 (Myostatin) 1mg

Growth Hormone & IGF • 1mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	GDF-8 (Myostatin) 1mg	Batch / Lot no.	GP26-2027
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	3967.6 m/z	[M+H] ⁺ theoretical	3967.5 m/z
[M+2H] ²⁺ observed	1984.3 m/z	Mass deviation	+0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.5 % (area normalisation)	Content, % of label claim	100.1 %
Measured content	1 mg/vial (label claim 1mg)		

4. ANALYTICAL DATA

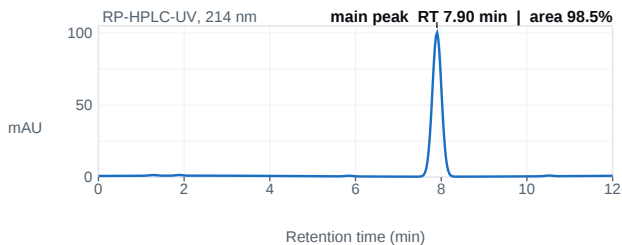


Fig. 1 — HPLC chromatogram; main peak 7.90 min, 98.5% area.

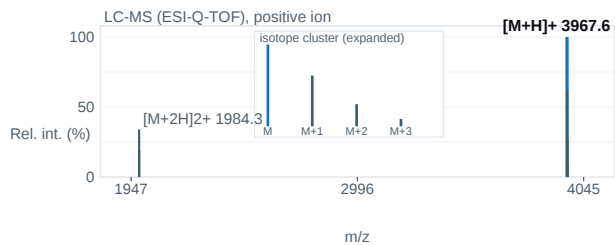


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3967.6 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.5%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. E. Vasquez	Approved (QA)	Dr. N. Kowalski
Date of test	26 August 2026	Date of manufacture	6 August 2026
Expiry	6 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2027**

Verification key: **2GHF-UYB6**

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