

PEG-MGF (Pegylated Mechano Growth Factor) 2mg

Growth Hormone & IGF • 2mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	PEG-MGF (Pegylated Mechano Growth Factor) 2mg	Batch / Lot no.	GP26-2103
Category	Growth Hormone & IGF	Strength	2mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1112.3 m/z	[M+H] ⁺ theoretical	1112.4 m/z
[M+2H] ²⁺ observed	556.7 m/z	Mass deviation	-0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.2 % (area normalisation)	Content, % of label claim	99.8 %
Measured content	2 mg/vial (label claim 2mg)		

4. ANALYTICAL DATA

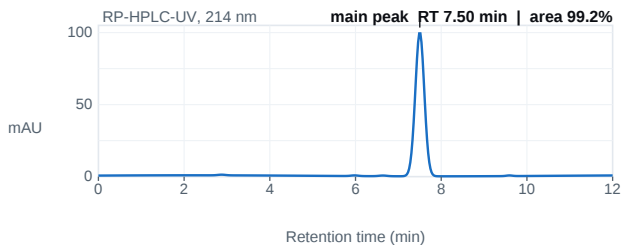


Fig. 1 — HPLC chromatogram; main peak 7.50 min, 99.2% area.

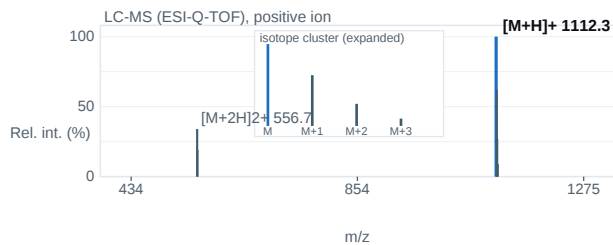


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1112.3 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.2%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. R. Okonkwo	Approved (QA)	Dr. H. Bergström
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: **GP26-2103**

Verification key: **HNTS-63GH**

puralytix.com/report-verification

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



Scan to verify

Puralytix Analytical Laboratories provides independent analytical testing and informational reports only. This certificate relates solely to the sample identified above and to the test methods stated. Results are subject to the inherent limitations and detection thresholds of the methods used. Puralytix does not provide medical, dosing, sourcing, legal or consumption advice, and no result implies that any substance is safe, approved, lawful or suitable for human use. **For research use only.** Clients are responsible for complying with the laws of their own jurisdiction. This document may not be reproduced except in full.

Puralytix Analytical Laboratories — 71 Vazha-Pshavela Avenue, Block 2, Saburtalo District, 0186 Tbilisi, Georgia • PLX-202608-50103