

Puralytix Analytical Laboratories

Independent third-party analytical laboratory

ISO/IEC 17025:2017 (ref. PLX-UKAS-8847)

SS-31 (Elamipretide) Mitochondrial Peptide

Metabolic & Longevity • 50mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	SS-31 (Elamipretide) Mitochondrial Peptide	Batch / Lot no.	GP26-2101
Category	Metabolic & Longevity	Strength	50mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	2931.0 m/z	[M+H] ⁺ theoretical	2931.2 m/z
[M+2H] ²⁺ observed	1466.1 m/z	Mass deviation	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.3 % (area normalisation)	Content, % of label claim	100.8 %
Measured content	50.4 mg/vial (label claim 50mg)		

4. ANALYTICAL DATA

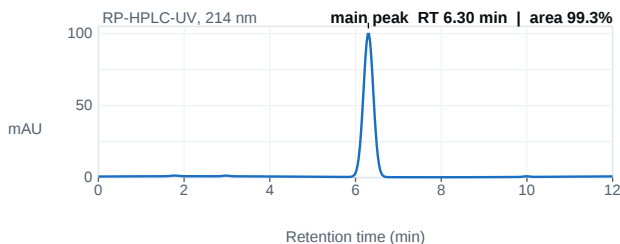


Fig. 1 — HPLC chromatogram; main peak 6.30 min, 99.3% area.

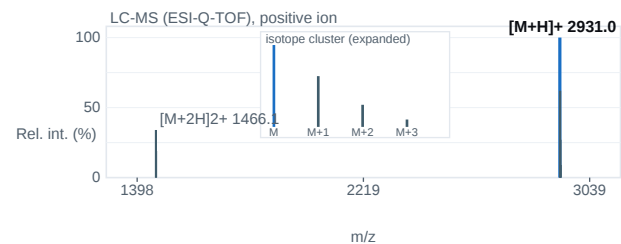


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2931.0 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.3%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. P. Achebe
Date of test	6 September 2026	Date of manufacture	17 August 2026
Expiry	17 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2101**

Verification key: **YFYM-LYPL**

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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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