

MOTS-c Mitochondrial Peptide

Metabolic & Longevity • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	MOTS-c Mitochondrial Peptide	Batch / Lot no.	GP26-2167
Category	Metabolic & Longevity	Strength	10mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1455.8 m/z	[M+H] ⁺ theoretical	1456.0 m/z
[M+2H] ²⁺ observed	728.5 m/z	Mass deviation	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.0 % (area normalisation)	Content, % of label claim	99.7 %
Measured content	9.97 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

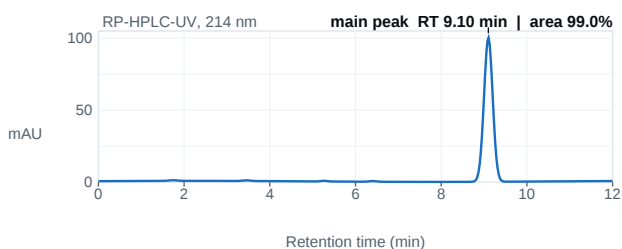


Fig. 1 — HPLC chromatogram; main peak 9.10 min, 99.0% area.

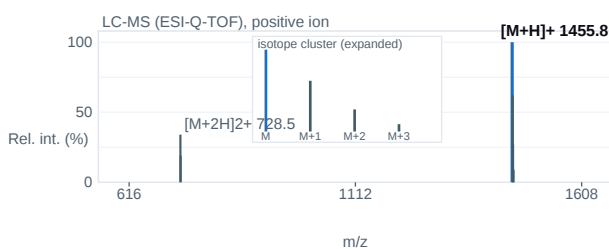


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1455.8 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.0%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. E. Vasquez	Approved (QA)	Dr. P. Achebe
Date of test	3 September 2026	Date of manufacture	19 August 2026
Expiry	19 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2167**

Verification key: **4SRZ-TBHN**

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