

MOTS-c Mitochondrial Peptide

Metabolic & Longevity • 40mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	MOTS-c Mitochondrial Peptide	Batch / Lot no.	GP26-2168
Category	Metabolic & Longevity	Strength	40mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1216.5 m/z	[M+H] ⁺ theoretical	1217.0 m/z
[M+2H] ²⁺ observed	609.0 m/z	Mass deviation	-0.5 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.7 % (area normalisation)	Content, % of label claim	99.2 %
Measured content	39.68 mg/vial (label claim 40mg)		

4. ANALYTICAL DATA

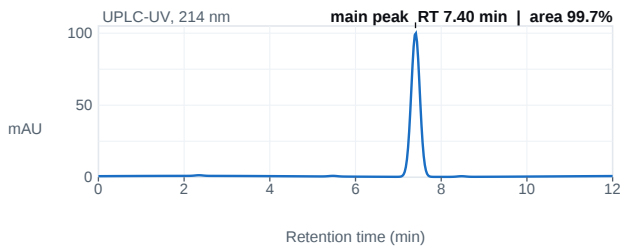


Fig. 1 — UPLC chromatogram; main peak 7.40 min, 99.7% area.

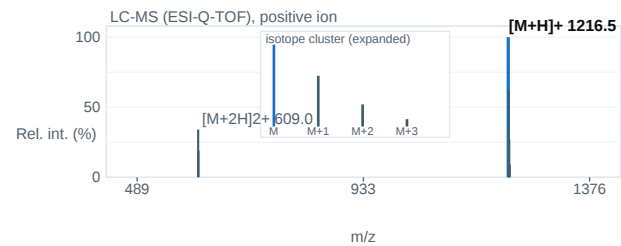


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1216.5 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.7%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	Approved (QA)	Dr. N. Kowalski
Date of test	27 August 2026	Date of manufacture	9 August 2026
Expiry	9 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2168**

Verification key: **2FRZ-5B5C**

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