

MOTS-c Mitochondrial Peptide

Metabolic & Longevity • 20mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	MOTS-c Mitochondrial Peptide	Batch / Lot no.	GP26-2166
Category	Metabolic & Longevity	Strength	20mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1362.3 m/z	[M+H] ⁺ theoretical	1362.8 m/z
[M+2H] ²⁺ observed	681.9 m/z	Mass deviation	-0.5 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.8 % (area normalisation)	Content, % of label claim	100.2 %
Measured content	20.04 mg/vial (label claim 20mg)		

4. ANALYTICAL DATA

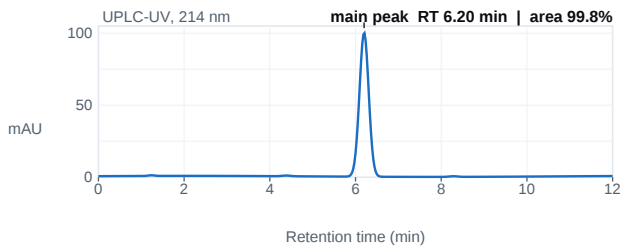


Fig. 1 — UPLC chromatogram; main peak 6.20 min, 99.8% area.

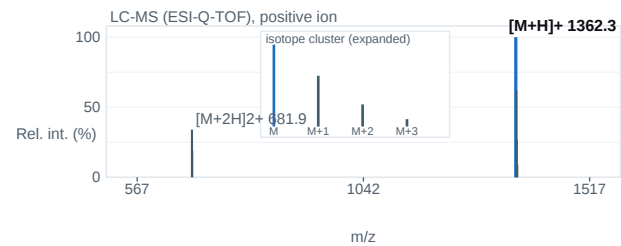


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1362.3 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.8%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. R. Okonkwo	Approved (QA)	Dr. H. Bergström
Date of test	24 August 2026	Date of manufacture	5 August 2026
Expiry	5 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2166**

Verification key: **8CMA-QKJ2**

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