

Client: Peptide Partners

Certified: 04/04/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

**SAMPLE INFORMATION**

Product	MOTS-c	Form	Lyophilized powder
Batch	MC202603	Labeled Qty	10 mg
Mol. Formula	C101H152N28O22S2	CAS Number	1627580-64-6
Cap Color	Translucent Green	Crimp Color	Silver

**TEST RESULTS**

	REFERENCE STANDARD	RESULT	
Batch Avg Purity	(>98%)	99.964%	✔
Batch Avg Net Content	(10mg ± 10%)	11.22 mg	✔
Identity Confirmation (LC-MS)	(MOTS-c)	MOTS-c	✔
Bacterial Endotoxins (LAL)	(≤ 0.50 EU/mL)	PASS	✔
Full Sterility Verification	(No Growth)	No Growth	✔

**HEAVY METAL SCREENING**

Analyte	Result	Status
Arsenic (As)	< 0.11	✔
Cadmium (Cd)	< 0.08	✔
Lead (Pb)	< 0.7	✔
Mercury (Hg)	< 0.2	✔

**BATCH CONFORMITY RESULTS**

Vial	Purity (%)	Net Content (mg)
Vial 1	99.961	11.24
Vial 2	99.988	11.27
Vial 3	99.986	11.24
Vial 4	99.953	11.18
Vial 5	99.933	11.16
<b>Batch Average</b>	<b>99.964%</b>	<b>11.22 mg</b>

**CHROMATOGRAM**

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm

