

Chromogenic Endotoxin Quant Assay – Report of Analysis

Test Performed	Pierce Chromogenic Endotoxin Quant Assay
Test Date	09/19/2025

Product Information

Company Name	Peptide Partners
Product Tested	MOTS-c (LOT #: YC20250807)
Product Concentration	10mg
Vials/Units Received	2 vials

Reagent Information

Kit Product #	A39553 (Thermo Fisher)
Endotoxin Standard (E.coli O111:B4)	OC86T80400
Detection Range	0.01 EU/mL – 1.0 EU/mL
Plate Reader	Q33326 – 405 nm

Endotoxin Quantitation Results

Sample ID	Dilution	Replicates	Measured EU/mL	Pass/Fail
MOTS-c	1x	1, 2	< 0.20 EU/mL	Pass
Positive Control	2λ (0.25 EU/mL)	1, 2	Expected Positive	Pass
Negative Control	None	1, 2	Expected Negative	Pass

Interpretation:

Endotoxin level in **MOTS-c** was measured using chromogenic LAL assay with detection at 405 nm. The result of **< 0.20 EU/mL** indicates that the endotoxin content is **below** the acceptable threshold of 0.1 EU/mL. Sample **Passes** the endotoxin limit test.

Analyst Signature:
Date: 09/19/2025

To verify the authenticity of this report, please contact **BioRegen** at
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