

Certificate of Analysis



Samples Received: **9/3/2026**
Test Date: **9/11/2026**

Product: MOTS-C
Strength 10mg
LOT #: 2052
TASK#: EL-2026-391

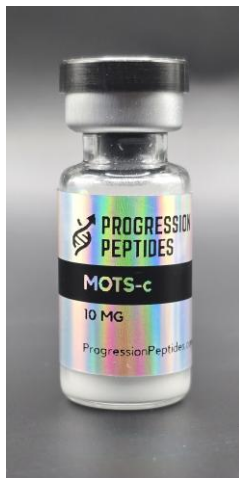
Customer: Progression Peptides

Test Results

Item	Specifications	Value
Strength	10mg/vial	10mg
Purity	≥98%	99.51%
Impurity	Single Impurity ≤1%	0.21%
	Total Impurities ≤2%	0.49%
Appearance	White powder	Pass
pH	6.0 - 8.0	6.9

Test Method

Pump 1	0.1% Formic Acid in 100% H2O
Pump 2	0.1% Formic Acid in 100% Acetonitrile
Flow	1.0μL/min
Wavelength	260nm / 340nm
Column	Acquity BEH C18 300 Å, 1.7 μm, 2.1x50mm



Quantification by UHPLC-UV-PDA-QDA

Measured Quantity: 10mg/vial

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers. These are not normally detected using UV and are not considered impurities.

This COA is for research purposes and only applies to the vial referenced above.

Analysis Performed by:

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9/11/2026

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