TRACE HELIX
ANALYTICAL

Certificate of Analysis

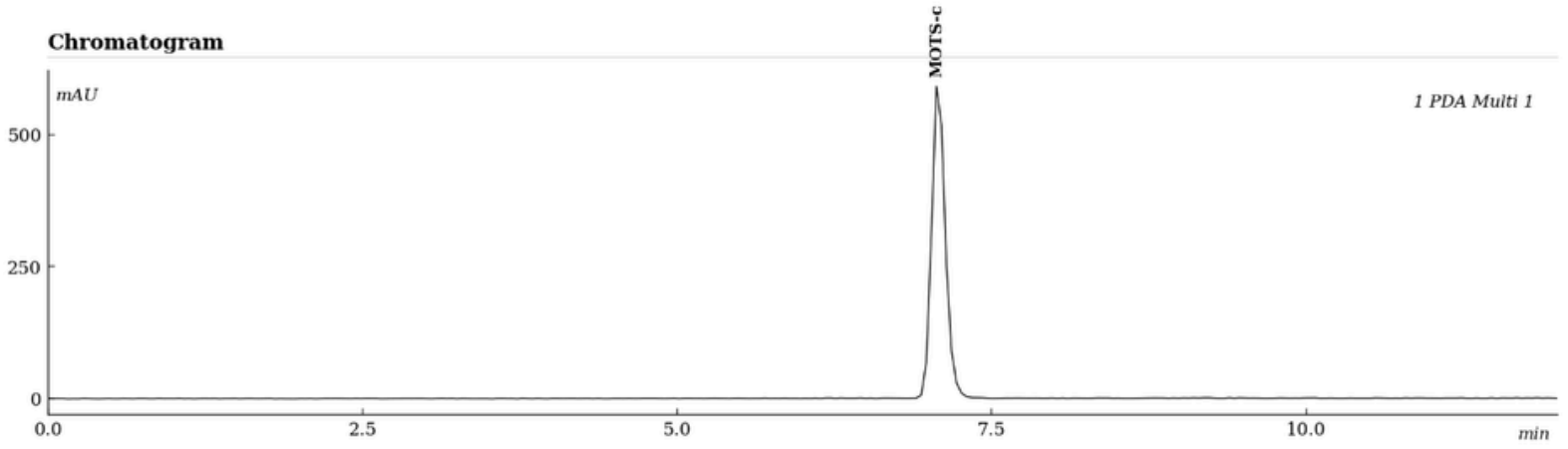
Sample Received: 09/29/2026
Analysis Conducted: 10/01/2026
Report Number: 26507413
Searchable via: tracehelix.com

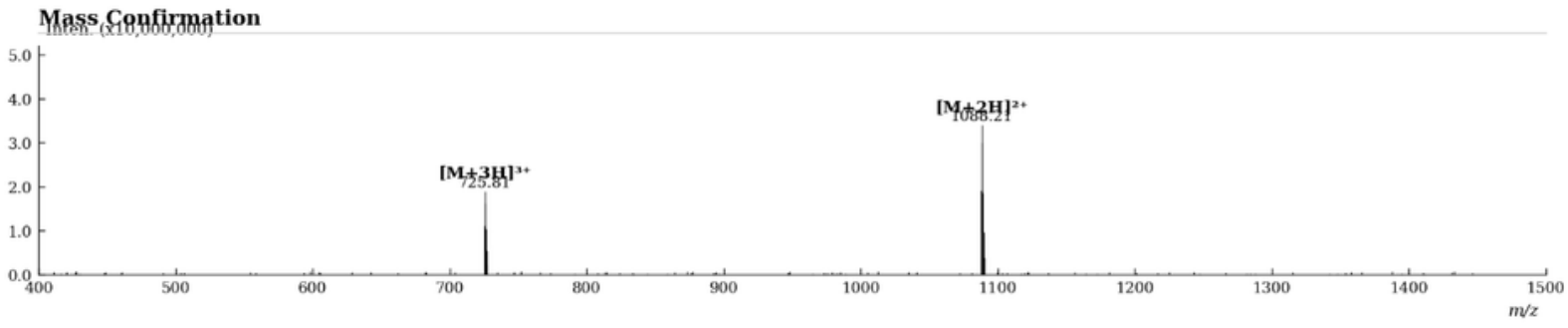
Client:	**Nextedgepeptides.com**
Manufacturer:	**NextEdge Peptides**
Compound/Sample:	**MOTS-c 40mg**
Lot/batch number:	**MOT40-1092**
Appearance:	**White Lyophilized Powder**

Analytical Results

Test	Result
Identity (LC-MS)	**MOTS-c**
Purity (HPLC-UV)	**99.87%**
Net Content Average	**41.67 mg**

Purity:	**Vial 1:** 99.86% **Vial 2:** 99.90% **Vial 3:** 99.86%
Net Content:	**Vial 1:** 41.68 mg **Vial 2:** 42.13 mg **Vial 3:** 41.21 mg





Analytical testing was conducted using HPLC and LC-MS methods under standard laboratory conditions. Findings are specific to the submitted sample and intended for research and informational use only.

Verify this test at www.tracehelix.com/verify with the following report number:

26507413

Scan to Validate

Aleksander Czajkowski
Principal Chemist

Trace Helix Analytical
The Standard in Peptide Testing
Serving North America

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TraceHelix.com

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Report number: 26507413
Compound/Sample: MOTS-c 40mg
Lot/batch number: MOT40-1092
Client: Nextedgepeptides.com

HEAVY METALS ANALYSIS (ICP-MS)

Analyte	Method	LOQ (ppm)	Result (ppm)	Status
Arsenic (As)	ICP-MS	0.01	Not Detected	PASS
Cadmium (Cd)	ICP-MS	0.01	Not Detected	PASS
Lead (Pb)	ICP-MS	0.01	Not Detected	PASS
Mercury (Hg)	ICP-MS	0.005	Not Detected	PASS

LOQ: Limit of Quantification
Heavy metals analysis was performed using Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

ENDOTOXIN & STERILITY ANALYSIS

Analysis	Method	Specification	Results
Endotoxin	LAL (USP <85>)	<0.05 EU/mL	Pass
Sterility	USP <71>	No Growth	Pass - No Growth Detected

Endotoxin testing was performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under standard laboratory conditions.
Sterility testing was performed in accordance with USP <71>.

The peptide analysis presented in this report was conducted by Trace Helix Analytical under standard laboratory conditions. Findings are specific to the submitted sample and intended for research and informational use only.

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