PEPTILOOM
PEPTIDE REPORTS

PEPTILOOM REPORT CENTER

Certificate of Analysis

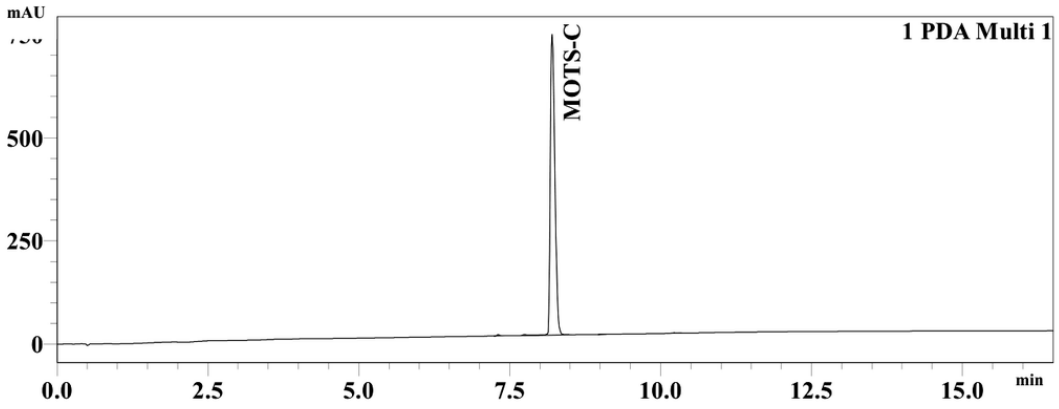
Received: 2026-10-25 | Reported: 2026-10-28

Product	MOTS-c 20mg	**SKU**	MS20
Batch reference	LOT-6A-LXK-01		

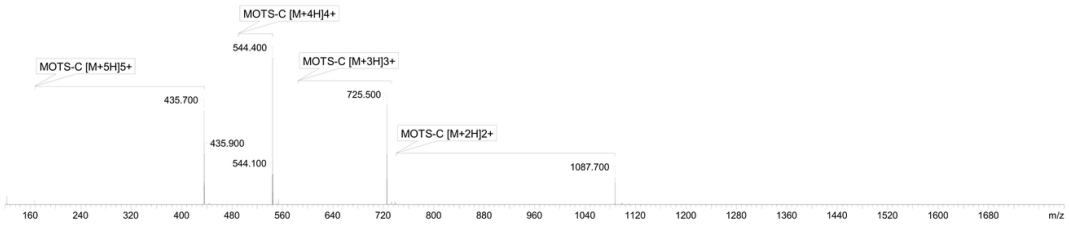
Analytical results			
Identity (LC-MS)	MOTS-C; Confirmed	**Purity (HPLC-UV)**	Vial 1: 99.46%; Vial 2: 99.59%; Analytical result: 99.53%
Net content	Vial 1: 21.20 mg; Vial 2: 20.20 mg; Analytical result: 20.70 mg	**Appearance**	White Lyophilized Powder
Metals (ICP-MS)	As | Cd | Pb | Hg; Pass - Arsenic, Cadmium, Lead, and Mercury below reporting/specification limits	**Endotoxin**	Threshold: Pass; Replicate 1: Pass; Replicate 2: Pass Assay sensitivity for each replicate: ≤1 EU/mL
Microbial (PCR)	Summary: Pass; No Detectable Microbial DNA	**Fentanyl**	No Fentanyl Detected

Endotoxin: Limulus Amebocyte Lysate, USP <85> (validated conditions). Microbial: PCR targeting common microbial contaminants (validated). Chemical analysis: HPLC-UV coupled with mass spectrometry (LC-MS). Purity: LCMS/MS under standard laboratory conditions.

HPLC chromatogram



Mass confirmation spectrum



HPLC chromatogram and LC-MS mass spectrum are shown above.

Report issued by: PEPTILOOM

Internal reviewer:

Internal approval: Evan Brooks

Third-party test data; source-sample results only.
Research use only.

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