CERTIFICATE OF ANALYSIS

PEPTLAB MOTS-C 10

SCIENCE • PURITY • PERFORMANCE • LONGEVITY

LABORATORY VERIFIED • QUALITY ASSURED

Compound:	MOTS-c
Product Name:	MOTS-c 10mg
Product Code:	MS10
Batch Number:	J7ACX12SG87F
Analysis ID:	163659
Laboratory:	Janoshik
Analysis Date:	Aug 13, 2026

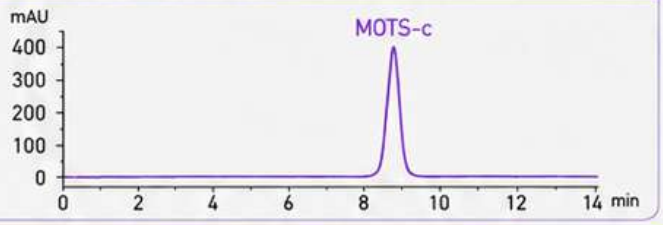
SAMPLE INFORMATION

Sample Received:	Aug 05, 2026
Sample Type:	Lyophilized Powder
Declared Quantity:	10 mg
Declared Purity:	>98%
Storage:	Store in a cool, dry place Keep away from light

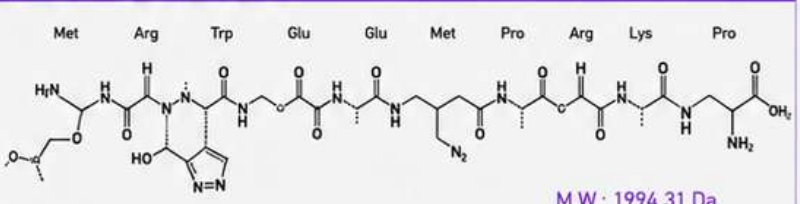
ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT	UNIT
Identity	HPLC / UV / MS	Conforms to Reference	Conforms	—
Appearance	Visual	White to off-white powder	White powder	—
Purity (HPLC)	HPLC / UV	≥ 98%	99.21	%
MOTS-c Content (Assay)	HPLC / UV	9.50 – 10.50 mg	10.02	mg
Peptide Purity (HPLC)	HPLC / UV	≥ 98%	99.08	%
Molecular Weight (MS)	LC-MS	Reference ± 1.0%	1994.31	Da
pH (1% solution)	pH Meter	2.0 – 6.0	3.28	—
Water Content (Karl Fischer)	KF	≤ 5.0%	2.41	%
Residual Solvents (Ethanol)	GC	≤ 5000 ppm	< 1000	ppm
Heavy Metals (as Pb)	ICP-MS	≤ 10 ppm	< 1.0	ppm
Endotoxin	LAL	≤ 0.25 EU/mg	< 0.05	EU/mg
Microbial Count (TAMC)	USP <61>	≤ 1000 CFU/g	< 10	CFU/g
Yeast & Mold	USP <61>	≤ 100 CFU/g	< 10	CFU/g

HPLC CHROMATOGRAM



PEPTIDE STRUCTURE



M.W.: 1994.31 Da

LABORATORY INFORMATIOM

Laboratory: Janoshik
Website: https://janoshik.com
Analysis ID: 163659

This Certificate of Analysis applies only to the sample analyzed. Results are based on the sample as received. This document shall not be reproduced except in full, without written approval of the laboratory.

JANOSHIK APPROVED LABORATORY

NOTES

This product is intended
For Research Use Only
Not for Human or Veterinary Use