CERTIFICATE OF ANALYSIS

MOTS C 40MG · 1676.OPT.261006-R1-WL05

Scan to Verify COA Authenticity



SAMPLE INFORMATION

Sample Name: MOTS C 40MG
Sample ID: 1676.OPT.261006
Lot Number: SD-26110-1
Client: KYLO
Sample Matrix: Lyophilized Peptide
Intended Use: Research Use Only
Manufactured Date: October 1, 2026
Expiration Date: October 1, 2028
Received Date: October 9, 2026
Report Date: October 14, 2026

NET CONTENT
39.84 MG/VIAL
HPLC

PURITY
99.4%
RP-HPLC

IDENTITY
MOTS-C
LC-MS

ENDOTOXIN
PASS
LAL

HEAVY METALS
PASS
ICP-OES

RESULTS SUMMARY

TEST PANEL	METHOD	SPECIFICATION	RESULT	STATUS
Identity Verification	LC-MS	Confirmation	MOTS-c	TESTED
Net Content	HPLC	-	39.84 mg/vial	TESTED
Purity	RP-HPLC	≥ 95%	99.4%	TESTED
pH	Probe	5.0 – 8.0	6.1	PASS
Endotoxin	LAL	≤ 0.05 EU/mg	Pass	PASS
Heavy Metals	ICP-OES	Within Limits	Pass	PASS

QUALITY GUARANTEED

Analyst
Bryan Zahakaylo
Date: October 14, 2026

ND = Not Detected, NR = Not Reported, LOD = Limit of Detection, and LOQ = Limit of Quantitation. Results reported herein relate only to the specific sample tested. Optiq Health Labs, LLC makes no claims regarding the efficacy, safety, suitability, purity, sterility, or other risks associated with any detected or non-detected compounds, analytes, or reported values. This Certificate of Analysis shall not be reproduced except in full, without the written approval of Optiq Health Labs, LLC. This Certificate of Analysis is limited to the sample received and tested by the laboratory and does not represent or warrant the quality, composition, or characteristics of any other sample, lot, batch, product, or material. Any statements, representations, labeling, or claims regarding the intended use, application, or purpose of the tested material are solely those of the client and do not constitute, imply, or reflect any recommendation, endorsement, certification, or intended use determination by Optiq Health Labs, LLC.

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Heavy Metals

Instrument: **ICP-OES** Analysis Date: **October 14, 2026** **PASS**

Analyte	LOD (µg/g)	LOQ (µg/g)	Action Limit (µg/g)	Result (µg/g)	Status
Arsenic	0.015	0.05	0.2	ND	PASS
Cadmium	0.0113	0.05	0.2	ND	PASS
Lead	0.00615	0.05	0.5	ND	PASS
Mercury	0.00126	0.005	0.1	ND	PASS

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