



Scan to Verify
COA Authenticity



SAMPLE INFORMATION

Sample Name:
MOTS-C 10MG
Lot Number:
SD-260701-1
Sample Matrix:
Lyophilized Peptide
Manufactured Date:
July 1, 2026
Received Date:
August 19, 2026

Sample ID:
0912.OPT.260818
Client:
KYLO
Intended Use:
Research Use Only
Expiration Date:
July 1, 2027
Report Date:
August 29, 2026



IDENTITY
MOTS-C
LC-MS



POTENCY
9.63 mg/vial
HPLC



PURITY
99.7%
RP-HPLC



ENDOTOXIN
PASS
LAL



HEAVY METALS
PASS
ICP-OES



STERILITY
PASS
USP <71>

RESULTS SUMMARY

TEST PANEL	METHOD	SPECIFICATION	RESULT	STATUS
Identity Verification	LC-MS	-	MOTS-c	TESTED
Potency (Assay)	HPLC	-	9.63 mg/vial	TESTED
Purity	RP-HPLC	≥ 98.0%	99.7%	TESTED
Endotoxin	LAL	≤ 0.05 EU/mg	Pass	PASS
Sterility	USP <71>	No Growth	Pass	PASS
Total Yeast & Mold	USP <61>/<62>	Within Limits	Pass	PASS
Heavy Metals	ICP-OES	Within Limits	Pass	PASS



Heavy Metals Instrument: ICP-OES Analysis Date: August 29, 2026

PASS

Analyte	LOD (µg/g)	LOQ (µg/g)	Action Limit (µg/g)	Result (µg/g)	Status
Arsenic	0.015	0.05	0.2	0	PASS
Cadmium	0.0113	0.05	0.2	0	PASS
Lead	0.00615	0.05	0.5	0	PASS
Mercury	0.00126	0.005	0.1	0	PASS