KOVERA LABS

CERTIFICATE OF ANALYSIS

REPORT # KVR-2026-9587BB

Client: Grey Axis Research, LLC

Certified: 10/22/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	NAD+/MOTS-c/5-Amino-1MQ	**Form**	Lyophilized Powder
Batch	GX-NM120-11026	**Labeled Qty**	120 mg
Cap Color	Clear Green	**Crimp Color**	Green

TEST RESULTS

	REFERENCE STANDARD	RESULT
Blend Avg Purity	(>98%)	99.461% ✓
Blend Avg Net Content	(~120mg)	129.06 mg ✓
Blend Identification (LC-MS)	(NAD+/MOTS-c/5-Amino-1MQ)	NAD+/MOTS-c/5-Amino-1MQ ✓
Fentanyl Presence Analysis	(Not Detected)	Not Detected ✓
Microbial Sterility Screen	(No Growth)	No Growth ✓

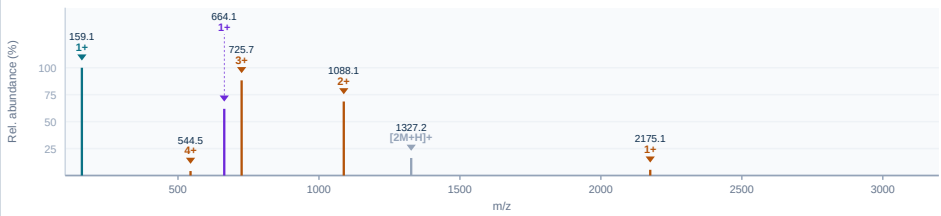
BLEND COMPONENT ANALYSIS

Component	Labeled	Measured
NAD+	100 mg	107.76 mg
MOTS-c	10 mg	10.49 mg
5-Amino-1MQ	10 mg	10.81 mg

MASS SPECTRUM

ESI + mode, MS1 centroid Charge states confirmed **6**

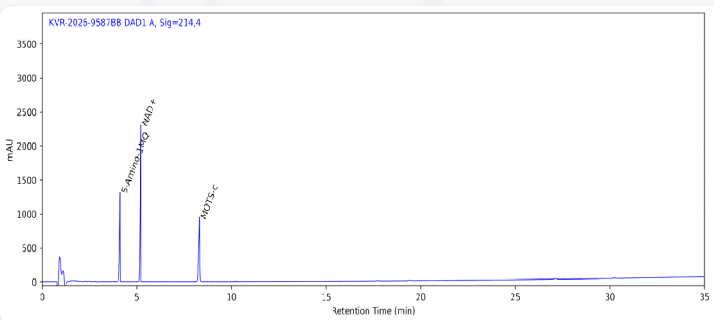
5-Amino-1MQ 1 ion **MOTS-c** 4 ions **NAD+** 1 ion



Each coloured stick is a confirmed charge state of the compound(s) above, drawn at the intensity measured for that ion. Height is relative to the strongest confirmed ion and is not proportional to concentration; content is reported in the Test Results above. The 1 grey stick(s) are the same compound's own in-source fragment and multimer ions, labelled by species: they are produced from the analyte in the ion source and are not separate substances in the vial.

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 260 nm





Lemar Arghandiwal
Lab Director

koveralabs.com/verify

Report#: KVR-2026-9587BB
Access Code: BPEVQRE

KOVERA LABS

RAPID STERILITY SCREEN

Report Number: **KVR-2026-9587BB**

CLIENT & SAMPLE INFORMATION

Client	Grey Axis Research, LLC	**Sample Name**	NAD+/MOTS-c/5-Amino-1MQ
Lot Number	GX-NM120-11026	**Sample Matrix**	Lyophilized Powder
Date Received	10/21/2026	**Certified Date**	10/23/2026

TEST METHODOLOGY

RAPID STERILITY SCREENING METHOD

Sample is reconstituted and incubated in growth media under controlled conditions. Cultures are monitored for microbial growth over the incubation period. This rapid screening method provides preliminary sterility assessment and is suitable for quality control purposes. For regulatory compliance, full compendial sterility testing may be required.

TEST RESULTS

TEST PARAMETER	SPECIFICATION	RESULT	STATUS
Bacteria (Aerobic/Anaerobic)	No Growth	**No Growth**	PASS
Fungi / Yeast	Not Detected	**Not Detected**	PASS

TEST METHOD	INCUBATION PERIOD	TEMPERATURE
Rapid Sterility	**2 days**	**30-35C**

FINAL DETERMINATION

STERILITY SCREEN RESULT

SAMPLE PASSES STERILITY SCREEN

No microbial growth detected during incubation period

