KMD·ANALYTICAL

INDEPENDENT ANALYTICAL TESTING LABORATORY

Certificate of Analysis

Verify at kmdanalytical.com/verify

SCAN TO VERIFY

CLIENT / BRAND	BATCH ID	CLIENT BATCH / LOT	COMPOUND	SAMPLE (AS RUN)	DATE RECEIVED
US Research Labs LLC	URLL-20261106-Q2WH	USRL-MOTS10-261102	MOTS-c	URLL-20261106-Q2WH-01	06 NOV 2026

DATE ANALYZED

12 NOV 2026

CHROMATOGRAPHIC PURITY

99.98%

OF TOTAL PEAK AREA

CONTENT PER VIAL

10.40

MG PER VIAL

LABEL CLAIM: 10 MG — 104% OF CLAIM · SPEC ≥ 90%

RETENTION TIME

8.780

MINUTES · MAIN PEAK

Overall: Conforms to specification — **Identity Conforms** (RT + UV vs. reference); sample meets the acceptance criteria below.

SPEC SET IS CLIENT / METHOD-DEFINED

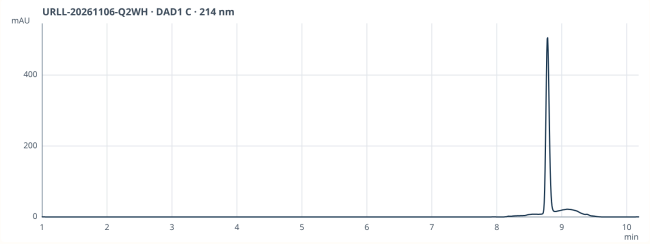
SUMMARY OF RESULTS

TEST	SPECIFICATION	RESULT	STATUS
Appearance	White lyophilized powder	Clear, colorless	Conforms
Purity (HPLC, area %)	≥ 95.0%	99.98%	Conforms
Content (mg/vial)	≥ 90% of label claim (10 mg)	10.40 mg (104% of claim)	Conforms

CHROMATOGRAM & SAMPLE REFERENCE

HPLC CHROMATOGRAM

main peak 8.780 min





VIAL AS RECEIVED · PHOTOGRAPHED 06 NOV 2026

How to read this. Chromatographic purity is the percentage of total integrated peak area — how much of the detected material is the target peptide versus impurities. It is **not** a measure of net peptide mass content (what fraction of the powder is peptide versus counter-ion, water, or residual solvent). That mass content is measured separately and reported above as **content per vial** (mg net peptide). Results apply only to the sample submitted.

AUTHORIZED SIGNATORY · KMD ANALYTICAL

Kevin Doud

Kevin Doud

Laboratory Director

DATE OF ISSUE

16 NOV 2026

KMD Analytical (KMD Group LLC) is an independent third-party analytical testing laboratory. The results reported herein were produced by KMD Analytical using validated HPLC-DAD methodology on file with the laboratory and apply solely to the specific sample as received from the client; they do not necessarily represent other units, lots, or production runs. Testing was limited to the parameters stated on this certificate; unless expressly noted, no assessment was made of sterility, endotoxin, microbial, heavy-metal, or residual-solvent content. This certificate is provided for informational and research purposes only and is not a determination of safety, quality, efficacy, or fitness for any purpose, nor an endorsement or recommendation for human or animal consumption. Client-supplied information (including label claim, lot number, and sample identity) is reported as provided and was not independently verified. KMD Analytical is not affiliated with the manufacturer or distributor of the sample and assumes no liability arising from use of this report or of the material. This certificate may not be reproduced except in full. This certificate is issued to, and may be relied on only by, the named submitter; KMD Analytical accepts no duty of care to any other person. Issued subject to kmdanalytical.com/terms.

This certificate reports analytical findings on the submitted sample only. It is not a determination of safety or fitness for any use, and does not evaluate the client's manufacturing or sourcing. KMD Analytical is not FDA-registered and does not perform GMP release testing. Scope: kmdanalytical.com/scope