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
Pulse Aminos LLC	PAL2-20261022-ESVB	Green cap	MOTS-c	PAL2-20261022-ESVB-01	22 OCT 2026

DATE ANALYZED
27 OCT 2026

CHROMATOGRAPHIC PURITY

99.96%

OF TOTAL PEAK AREA

CONTENT PER VIAL

46.5

MG PER VIAL

LABEL CLAIM: 40 MG — 116.3% OF CLAIM · SPEC ≥ 90%

RETENTION TIME

8.773

MINUTES · MAIN PEAK

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

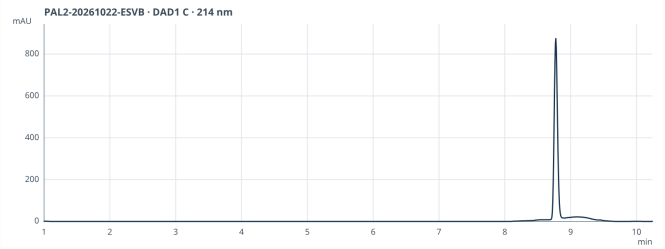
SPEC SET IS CLIENT / METHOD-DEFINED

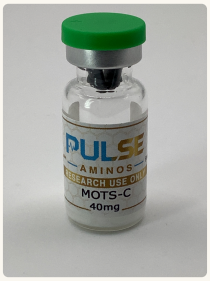
SUMMARY OF RESULTS

TEST	SPECIFICATION	RESULT	STATUS
Appearance	White lyophilized powder	Clear, colorless	Conforms
Purity (HPLC, area %)	≥ 95.0%	99.96%	Conforms
Content (mg/vial)	≥ 90% of label claim (40 mg)	46.5 mg (116.3% of claim)	Conforms

CHROMATOGRAM & SAMPLE REFERENCE

HPLC CHROMATOGRAM — main peak 8.773 min





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
27 OCT 2026

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