CERTIFICATE OF ANALYSIS

PuriLab Analytical

MOTS-C 40 mg

MC-2026-010 Lot NOT PROVIDED Analyzed November 6, 2026



TIMELINE

ORDERED
October 29, 2026

RECEIVED
November 4, 2026

ANALYZED
November 6, 2026

SAMPLE

NAME
MOTS-C 40 mg

EXPECTED
MOTS-C

AMOUNT
2 vials (same product, conformity), lyophilized powder

TESTING

CLIENT
New Wave Aminos

TEST TYPE
Content & purity, fentanyl, conformity

METHOD
HPLC-UV

CONTENT, HOW MUCH IS IN IT

37.71 mg

Label claim: 40 mg

PURITY, HOW CLEAN IT IS

99.9%

Average of 2 bottles of the same product. Measured, not estimated. Purity is calculated from the full chromatograms, and no impurity peaks were detected above the reporting threshold.

FENTANYL

NOT DETECTED

Screening cutoff 20 ng/mL

CONFORMITY

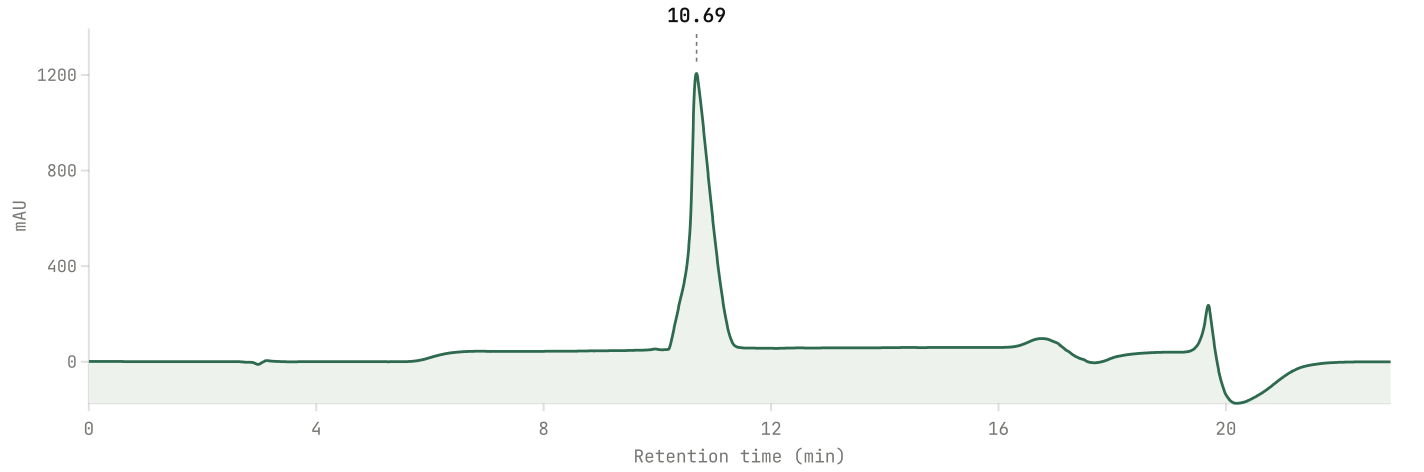
CONFORMS

Both bottles match. Content and purity above are the average of the two. Chromatogram shows bottle 1. Second bottle received November 10, 2026, analyzed November 11, 2026.

Vial	Content	Purity
Bottle 1	37.61 mg	99.9%
Bottle 2	37.81 mg	>99.9%
Average	37.71 mg	99.9%

CHROMATOGRAM

HPLC-UV



- 10.69 min, MOTS-C, 99.9% (bottle 1)

ANALYST COMMENTS

White lyophilized powder, black-cap vial, received sealed.

ANALYST SIGNATURE

Max Barrett
Lab Director, PuriLab Analytical
Analysis date: November 6, 2026

VERIFICATION CODE

MC-21ED-NR7U

Verify at purilab.org/verify/MC-21ED-NR7U

SCAN TO VERIFY

MC-21ED-NR7U

Results apply solely to the sample as received and are not representative of any larger lot, batch, or production run. Findings are limited to the analytes stated above. PuriLab Analytical is an independent testing laboratory, is not CLIA certified or ISO 17025 accredited, does not sell or distribute any substance, and makes no representation as to the safety, legality, or fitness of any material for any use.