



MOTS-c

40mg / vial

✓ **VERIFIED CERTIFICATE** Status: **PASSED ALL TESTS**

PURITY	NET CONTENT	IDENTITY	STERILITY	ENDOTOXIN	HEAVY METALS
99.18%	40.33 mg	PASS	PASS	PASS	PASS

SAMPLE

Client / Brand	Peptora
Product	MOTS-c
Batch number	MOT-260708-L2
Product form	Lyophilized powder
Labeled quantity	40mg / vial
Molecular formula	C101H152N28O22S2
CAS number	1627580-64-6
Cap color	White

RESULTS

Purity	99.18%
Net content	40.33 mg
Identity LC-MS	Confirmed
Endotoxin (LAL)	0.16 EU/mL
Sterility	No growth
Heavy metals	< 0.1 ppm

As 0.059 ppm · Cd 0.03 ppm · Pb 0.055 ppm · Hg 0.013 ppm

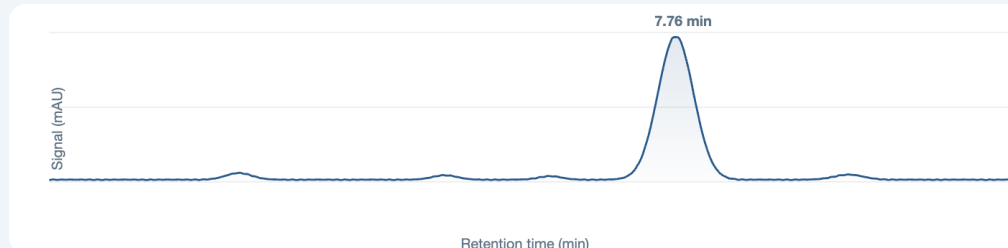
ADDITIONAL TESTS

Fentanyl Presence Analysis	Not detected
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BATCH CONFORMITY

VIAL	PURITY	NET CONTENT
V-01	99.42%	39.31 mg
V-02	99.25%	41.24 mg
V-03	98.88%	40.43 mg
Batch average	99.18%	40.33 mg

HPLC CHROMATOGRAM



Generated chromatogram visualization — not raw HPLC data.

METHOD	COLUMN	DETECTION	RETENTION TIME
RP-HPLC (USP <621>)	C18, 4.6 × 150 mm, 3.5 μm	UV 214 nm	7.76 min