



MOTS-c

20mg / vial

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

PURITY	NET CONTENT	IDENTITY	STERILITY	ENDOTOXIN	HEAVY METALS
98.82%	19.99 mg	PASS	PASS	PASS	PASS

SAMPLE

Client / Brand	Peptora
Product	MOTS-c
Batch number	MS-17362-RF
Product form	Lyophilized powder
Labeled quantity	20mg / vial
Molecular formula	C101H152N28O22S2
CAS number	1627580-64-6
Cap color	White

RESULTS

Purity	98.82%
Net content	19.99 mg
Identity LC-MS	Confirmed
Endotoxin (LAL)	0.19 EU/mL
Sterility	No growth
Heavy metals	< 0.1 ppm
As <0.1 ppm · Cd <0.1 ppm · Pb <0.1 ppm · Hg <0.05 ppm	

BATCH CONFORMITY

VIAL	PURITY	NET CONTENT
V-01	98.79%	20.66 mg
V-02	98.95%	19.76 mg
V-03	98.73%	19.56 mg
Batch average	98.82%	19.99 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	7.78 min