



AMINO METRICS

CERTIFICATE OF ANALYSIS

MOTS-c 40mg

Certificate #AM-2610-1126

Verify code 37b4-987b-b0ae-dae0-f274-f0e3-057c-6ddc-31a8-1d44-d609-021b (separate from the certificate #)



ISSUED TO
LotusPeptide.com

CLIENT REFERENCE
N1-MS40

DATE RECEIVED
2026-10-26

DATE ISSUED
2026-10-30

SOURCE
Undisclosed

COMPOUND TESTED
MOTS-c 40mg

STATUS
GENERATED

DATE TESTED
2026-10-30

ANALYST
AR

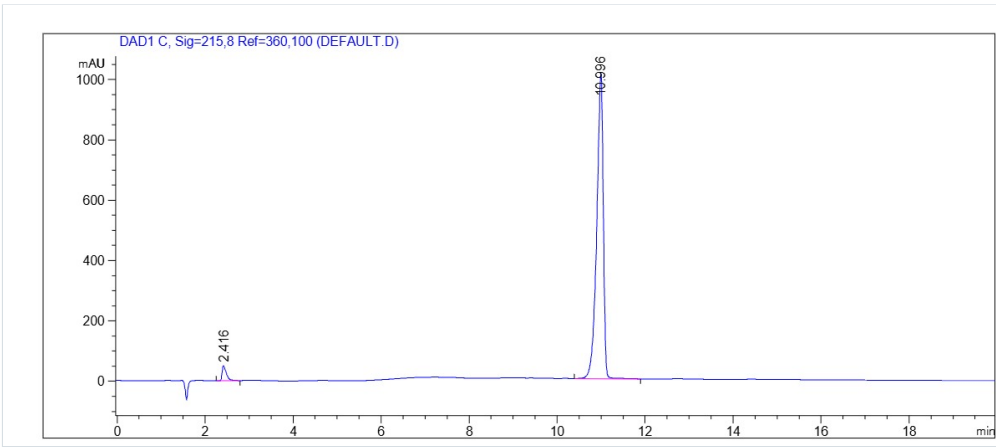
SAMPLE AS RECEIVED



SUMMARY OF RESULTS

TEST	RESULT	METHOD	SPECIFICATION	OUTCOME
Purity	99.85%	RP-HPLC	$\geq 99\%$	PASS
Identity (mass)	Consistent	Mass Spec	Within tolerance	PASS
Net Content	47.80 mg	Beer-Lambert Law (AUC)	90–110%	119.50%
Fentanyl	Not Detected	Lateral Flow Immunoassay	—	PASS

RP-HPLC Purity Analysis

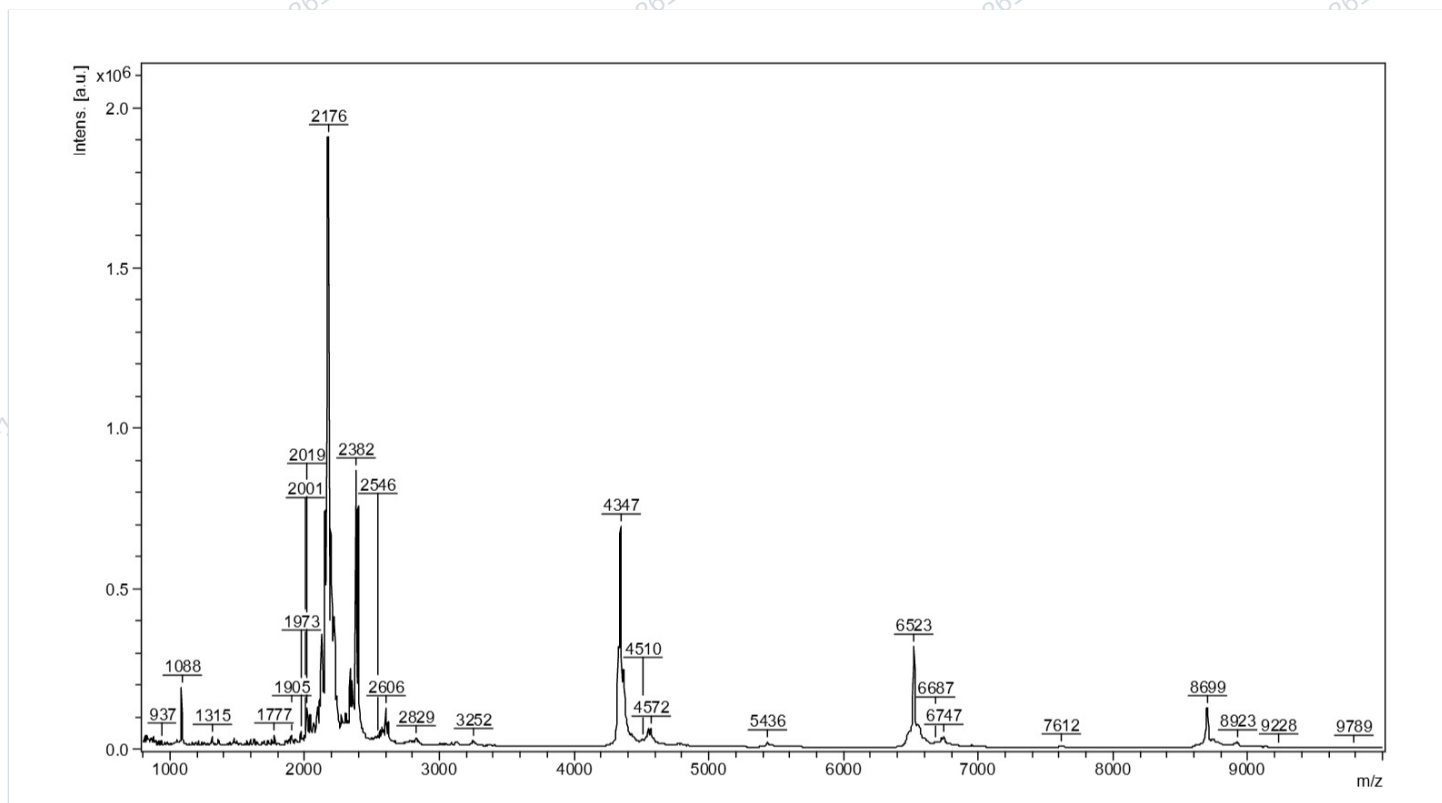


NOTES

The tested solution eluted at 28.2% acetonitrile, while the reference standard eluted at 28.2% acetonitrile. The close agreement in retention time indicates consistency between the tested solution and the reference standard under the analytical conditions used.

Mass Spectrometry

Mass consistent with target by Mass Spec (MALDI-TOF)



Physical & Quantity Checks

Net Content 47.80 mg (119.50%) 90–110%

Fentanyl Presence Screen

Method Lateral Flow Immunoassay

Detection limit —

Result Not Detected

NOTES

Fentanyl was not detected in the sample using Rapid Response fentanyl test strips. The strips utilize an antibody-based lateral flow immunoassay to screen for the presence of fentanyl. The result was negative under the conditions of the test.

Verify: <https://aminometrics.com/verify>

Enter verify code 37b4-987b-b0ae-dae0-f274-f0e3-057c-6ddc-31a8-1d44-d609-021b (not the certificate # above)

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