

Elementrix
Certificate of Analysis
Melanotan-1 (MT-1 / Afamelanotide)10mg / vial
Report NumberELX-20260612-51778
CertifiedJuly 28, 2026



VERIFIED CERTIFICATEStatus: PASSED ALL TESTS

Purity99.72%
Net Content10.38 mg
IdentityPASS
SterilityPASS
EndotoxinPASS
Heavy MetalsPASS
Sample
Client / BrandPeptora
ProductMelanotan-1 (MT-1 / Afamelanotide)
Batch numberMEL-260612-T8
Product formLyophilized powder
Labeled quantity10mg / vial
Molecular formulaC78H111N21O19
CAS number75921-69-6
Cap colorBlack

Results
Purity99.72%
Net content10.38 mg
Identity LC-MSConfirmed
Endotoxin (LAL)0.35 EU/mL
SterilityNo growth
Heavy metals< 0.1 ppm

As 0.077 ppm · Cd 0.006 ppm · Pb 0.072 ppm · Hg 0.017 ppm

Additional Tests
Fentanyl Presence AnalysisNot detected
Batch Conformity
VialPurityNet Content
V-0199.54%9.41 mg
V-0299.88%11.41 mg
V-0399.74%10.32 mg
Batch average99.72%10.38 mg
HPLC Chromatogram
Signal (mAU)



7.76 min
Retention time (min)

Generated chromatogram visualization — not raw HPLC data.

MethodRP-HPLC (USP <621>)
ColumnC18, 4.6 x 150 mm, 3.5 µm
DetectionUV 214 nm
Retention Time7.76 min

Authorized ByNick BrennemanLaboratory DirectorElementrix Analytical
QR VerificationScan to verify authenticityelementrix.pro/verify/ELX-20260612-51778
Certificate ReferenceReport # ELX-20260612-51778Access Code ELX-773148Batch MEL-260612-T8