

SAMPLE

CLIENT

Peptide.Express

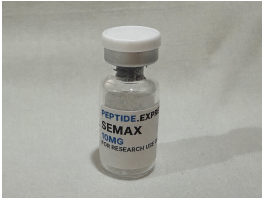
METHOD

HPLC-UV, LC-MS



SCAN TO VERIFY

PASS



COA NUMBER

09844

LOT / BATCH

CU720

REPORTED

07/17/2026

RECEIVED

07/10/2026

LABELED

10 mg

NET CONTENT

10.52 mg

MATRIX

Lyophilized

Identity

Semax 10mg

Purity

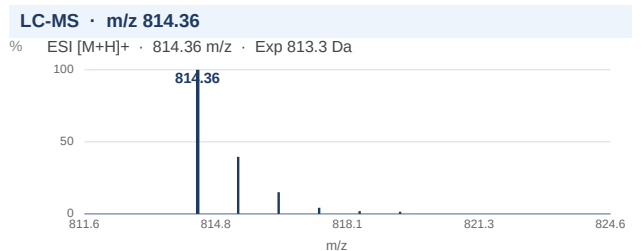
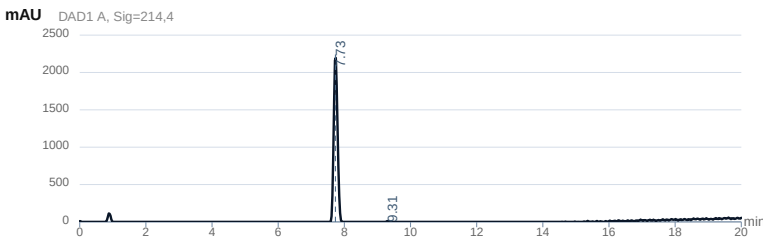
99.45%

✓
Fentanyl Screen

Analytical Results

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.45%	%	PASS
Net Peptide Content	10 mg	10.52	mg	N/A
Identity (HPLC-RTM)	Semax 10mg	Confirmed	-	PASS
Identity (LC-MS)	Expected 813.34 Da	814.36 m/z	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	✓

HPLC & Mass Spectrometry



Elemental Impurities (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	Not Detected	PASS
Cadmium (Cd)	NMT 0.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1.0 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10.0 ppm	Not Detected	PASS

Additional Assays

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS
Endotoxin (USP <85>)	Report Result	NMT 0.05 EU/mL	PASS

Principal Chemist

Results apply only to the sample(s) received and are for research use only. Not approved for human, veterinary, diagnostic, therapeutic, or clinical use.

COA: 09844

Lot: CU720

Verify: mistraldiagnostics.com/verify
support@mistraldiagnostics.com

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