

VERIFIED SCIENCES

CERTIFICATE OF ANALYSIS

Verified Sciences Laboratory Group

Contract Infrastructure Node

Email Registry: support@verifiedsciences.com

PURITY METRIC

99.033%

NET ACTIVE MASS

20.49 mg

BATCH/LOT TAG

VS-SEM-2026

OVERALL STATUS

PASS

✓ IDENTITY CONFIRMED

✓ HIGH PURITY PASS

✓ STERILITY CHECKED

✓ ENDOTOXINS COMPLIANT

✓ HEAVY METALS CLEAR

Client Name:Pepliful

Sample Name:Semax 20mg

Physical Form:Lyophilized Solid Matrix

Report Unique ID:VS-2026-166416

Sample Receipt:12 JUN '26

Release Date:19 JUN '26

1. PRIMARY CHROMATOGRAPHIC & MASS SPECTROMETRY METRICS

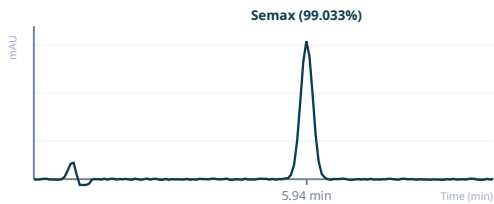
ANALYTICAL TEST PARAMETER	METHODOLOGY / SYSTEM	THRESHOLD SPECIFICATION	OBSERVED ASSAY METRIC	STATUS
Chemical Purity Profile	HPLC-UV (214 nm)	≥ 98.0%	99.033%	PASS
Structural Identity Alignment	LC-MS (ESI- Quadrupole)	Conforms to Molecular Standard	Matches Molecular Signature	PASS
Net Target Peptide Content	High-Precision Gravimetric	Report Mass Metrics Only	20.49 mg / vial	INFO

2. QUANTITATIVE TOXICOLOGY & IMPURITY PROFILING

CONTAMINANT ANALYTE	METHODOLOGY / SYSTEM	SAFETY THRESHOLD LIMIT	OBSERVED LAB METRIC	STATUS
Bacterial Endotoxins	LAL Kinetic Chromogenic	< 5.00 EU/mg	0.047 EU/mg	PASS
• Lead (Pb)	ICP-MS	< 0.50 ppm	Not Detected (< 0.01)	PASS
• Arsenic (As)	ICP-MS	< 1.50 ppm	Not Detected (< 0.01)	PASS
• Cadmium (Cd)	ICP-MS	< 0.50 ppm	Not Detected (< 0.01)	PASS
• Mercury (Hg)	ICP-MS	< 0.20 ppm	Not Detected (< 0.005)	PASS

3. ANALYTICAL CHROMATOGRAMS & RECEIPT RECORDS

HPLC SPECTRAL PEAK INTEGRATION TRACE



CHAIN OF CUSTODY SAMPLE VERIFICATION

SECURE LAB INTAKE PROFILE
VS-BATCH-6851

Certified Analysis Statement: Analytical metrics provided correspond strictly to contract laboratory assets standard validation logs. Quantitative testing execution follows strict ISO/IEC 17025 validation matrices.

Tamper-Proof Ledger Node: Verify ledger authenticity online: verifiedsciences.com/verify/VS-2026-166416

Cryptographic Checksum Hash: **6CF498B8A1FC-VS166416**

S. Baadstruid

Dr. Simon Baadstruid

Lab Director
Verified Sciences Corp.