

VERIFIED SCIENCES

CERTIFICATE OF ANALYSIS

Verified Sciences Laboratory Group
Validation Node: verifiedsciences.com
Email Support: support@verifiedsciences.com

PURITY METRIC 99.12%	NET ACTIVE MASS 10.22 mg	BATCH/LOT TAG VS-3710-2607	OVERALL STATUS PASS
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✓ IDENTITY CONFIRMED	✓ HIGH PURITY PASS	✓ STERILITY CHECKED	✓ ENDOTOXINS COMPLIANT
✓ HEAVY METALS CLEAR			

Client Name: Pepliful	Report Unique ID: VS-2026-91951
Sample Name: LL-37 (CAP-18) (10mg)	Sample Receipt: 22 JUN '26
Physical Form: Lyophilized Solid Matrix	Release Date: 29 JUN '26

1. PRIMARY CHROMATOGRAPHIC & MASS SPECTROMETRY METRICS

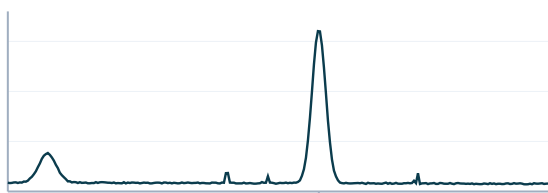
ANALYTICAL TEST PARAMETER	METHODOLOGY / SYSTEM	THRESHOLD SPECIFICATION	OBSERVED ASSAY METRIC	STATUS
Chemical Purity Profile	HPLC-UV (214 nm)	≥ 98.0%	99.12%	PASS
Structural Identity Alignment	LC-MS (ESI-Quadrupole)	Conforms to Molecular Standard	Matches Molecular Signature	PASS
Net Target Peptide Content	High-Precision Gravimetric	Report Mass Metrics Only	10.22 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	0.035 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

Verified Batch Assignment
VS-3710-2607

Certified Analysis Statement: Analytical metrics provided on this certificate correspond solely to the sample provided to the laboratory. Quantitative testing profiles are executed following stringent ISO/IEC 17025 standard protocol validations.

Tamper-Proof Audit Node: Verify ledger record authenticity seamlessly at: verifiedsciences.com/verify/VS-2026-91951

Cryptographic Checksum Hash: **D6C82F1E4A9B-3710**

S. Baadstruid

Dr. Simon Baadstruid

Lab Director
Verified Sciences Corp.