

CERTIFICATE OF ANALYSIS

PURITY METRIC

99.568%

NET ACTIVE MASS

10.48 mg

BATCH/LOT TAG

ALPRT1001

OVERALL STATUS

PASS

✓ IDENTITY CONFIRMED

✓ HIGH PURITY PASS

✓ STERILITY CHECKED

✓ ENDOTOXINS COMPLIANT

✓ HEAVY METALS CLEAR

Client Name: Alphamino

Sample Name: DSIP 5mg

Physical Form: Lyophilized Solid Matrix

Report Unique ID: VS-2026-90167

Sample Receipt: 03 JUN '26

Release Date: 10 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)	≥ 95.0%	99.568%	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	10.48 mg / vial	INFO

2. QUANTITATIVE TOXICOLOGY & IMPURITY PROFILING

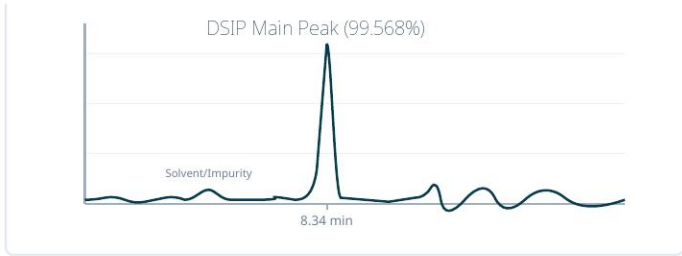
CONTAMINANT ANALYTE	METHODOLOGY / SYSTEM	SAFETY THRESHOLD LIMIT	OBSERVED LAB METRIC	STATUS
Bacterial Endotoxins	LAL Kinetic Chromogenic	< 5.00 EU/mg	0.075 EU/mg	PASS
• Lead (Pb)	ICP-MS	< 0.50 ppm	Not Detected (< 0.01)	PASS
• Arsenic (As)	ICP-MS	< 1.50 ppm	Not Detected (< 0.01)	PASS
• Cadmium (Cd)	ICP-MS	< 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

VS BATCH

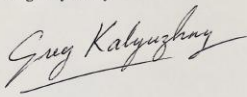


Secured Reception Profile

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. This document cannot be modified or distributed in partial slices without express written authorization.

Tamper-Proof Audit Node: Verify ledger record authenticity seamlessly at: verifiedsciences.com/verify/VS-2026-90167
Cryptographic Checksum Hash: **M1UZEXKV3CBW-VS90167**

Dr. Greg Kalyuzhny



Dr. Greg Kalyuzhny
Lab Director
Verified Sciences Corp.