



PASS — ALL SPECIFICATIONS MET

4 of 4 layers complete

L1 Identity	L2 Purity	L3 Net Peptide Content	L4 Sterility
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Sample & Vial Validation

 Vial A: as received & analyzed	Brand	Vault compounds Llc	Product	KPV
	Lot / Batch	KPV-2609-SQP	Label Claim	10 mg
	Matrix	lyophilized powder	Sample Count	1
	Vial Size	3mL	Cap Color	Clear
	Crimp Color	Bronze	Contents Color	White
	Seal Intact	Yes	Condition	sealed, intact
	Received	Oct 8, 2026 PT	Sampling	client submitted

MORE VIEWS OF VIAL A



Test Results

Test	Specification	Result	
Identity research screen	every vial within ± 1 Da of 342.44 Da	342.405 Da	PASS
Purity research screen	≥ 99.25 area %	99.44%	PASS
Net Peptide Content research screen	every vial within $\pm 10\%$ of 10 mg	Vial A: 10.76 mg	PASS
Sterility · Rapid PCR research screen	Rapid PCR screen	Target DNA not detected	PASS



Layer Results

1 Identity LC-MS (ESI+)		342.405 Da every vial within ±1 Da of 342.44 Da PASS	
Theoretical mass	342.44 Da	Acceptance	within ±1 Da
Vial A	342.405 Da · PASS		

2 Purity RP-HPLC 214nm (USP <621>)		99.44% ≥ 99.25 area % PASS	
Acceptance	≥ 99.25%	Vial A	99.44% · PASS
Criterion source	Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31		

3 Net Peptide Content Quantitative HPLC vs reference std		Vial A: 10.76 mg every vial within ±10% of 10 mg PASS	
Target	10 mg (±10%)	Vial A	10.76 mg · PASS
Confirmed container volume	Unknown	Content concentration	Unknown

4 Sterility · Rapid PCR Rapid Microbial DNA Screen (qPCR target panel)		Target DNA not detected Rapid PCR screen PASS	
Result	Target DNA not detected	Acceptance	Rapid PCR screen
Target panel	Pan-bacterial 16S rRNA gene (VIC), Pan-fungal 18S rRNA gene (FAM)		
Run controls valid.			

Reporting Scope & Limitations

[Sterility · Rapid PCR] DNA-target research screen only. It detects microbial DNA from viable and non-viable organisms alike, and is neither viable-CFU enumeration under USP <61> nor a batch sterility determination under USP <71>.



Digital Signatures

Analyst	Alana Reeves	Analyst Signature	ed25519:7178554a35b4762569412ea2...
Technical Reviewer	Michael Niles	Reviewer Signature	ed25519:358029281c121b3e05fc256a...
Laboratory Director	Daniel Brennan	Director Signature	ed25519:800aa21159e348a5ea97d269...

Where physical instrument analysis is performed, it takes place within Axiom Analytics' laboratory network, allocated at Axiom's discretion based on method, capacity, and order volume. Axiom Analytics performs sample accession, chain of custody, analytical oversight, and data review, and issues and is responsible for this certificate. Where analysis is subcontracted, the method is performed within the partner laboratory's published ISO/IEC 17025 scope of accreditation for that method, not merely at a laboratory holding ISO/IEC 17025 accreditation. Axiom Analytics does not itself currently hold ISO/IEC 17025 accreditation. The method-validation status of each reported result is identified beside that result. Partner laboratory identities are not disclosed: where samples are analyzed under double-blind conditions, they are identified only by an internal lot ID.

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Seal: ed25519:848cb2cf6af5ba57152370520396f6fc440104d4...

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