Axiom
ANALYTICS

CERTIFICATE OF ANALYSIS · 4X ESSENTIAL PANEL + 1 ADD-ON LAYER (L8)

Axiom Analytics Laboratories
2108 N St Ste N, Sacramento, CA 95816 US

AX-2026-4190-2DH2

GHK-Cu · Lot RVA-CU-805A17
Issued Oct 20, 2026 PT · v1
Verify: 0B25-4344-5AD9

SCAN TO VERIFY

PASS — ALL SPECIFICATIONS MET

5 of 5 layers complete

L1	L2	L3	L4	L8
Identity	Purity	Net Peptide Content	Sterility	Fentanyl Screen

Sample & Vial Validation

Vial A: as received & analyzed

MORE VIEWS OF VIAL A

Vial A · right

Brand	**Latitude 40 Aminos**	Product	**GHK-Cu**
Lot / Batch	**RVA-CU-805A17**	Label Claim	**50 mg**
Matrix	**Lyophilized powder**	Sample Count	**1**
Vial Size	**3mL**	Cap Color	**White**
Crimp Color	**Silver / Aluminum**	Contents Color	**Blue**
Seal Intact	**Yes**	Condition	**sealed, intact**
Received	**Oct 1, 2026 PT**	Sampling	**client submitted**

Test Results

Test	Specification	Result	
GHK-Cu intact-complex identity (HILIC-ESI-MS) research screen	sample response within 402.11 m/z ±1.00 Da (inclusive 401.11–403.11 m/z) · 402.11 m/z for [L+Cu−H]+ (published intact-complex identity context only — not a formula-derived mass and not the sample acceptance target), source https://doi.org/10.3390/molecules28186724	402.117 m/z; matched-standard difference +0.007 Da	PASS
Purity validated in house	≥ 99.25 area %	99.54%	PASS
Net Peptide Content research screen	every vial within ±10% of 50 mg	Vial A: 51.93 mg	PASS
Sterility · Rapid PCR research screen	Rapid PCR screen	Target DNA not detected	PASS
Fentanyl Screen research screen	no fentanyl or analog at or above 1 ng/mg	none detected	PASS

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SCAN TO VERIFY

Layer Results

1 GHK-Cu intact-complex identity (HILIC-ESI-MS)

HILIC-ESI-MS intact GHK-Cu full-scan/isotope identity

402.117 m/z; matched-standard difference +0.007 Da

sample response within 402.11 m/z ±1.00 Da (inclusive 401.11–403.11 m/z) · 402.11 m/z for [L+Cu−H]+ (published intact-complex identity context only — not a formula-derived mass and not the sample acceptance target), source https://doi.org/10.3390/molecules28186724

PASS

Result	**402.117 m/z; matched-standard difference +0.007 Da**	Acceptance	**sample response within 402.11 m/z ±1.00 Da (inclusive 401.11–403.11 m/z) · 402.11 m/z for [L+Cu−H]+ (published intact-complex identity context only — not a formula-derived mass and not the sample acceptance target), source https://doi.org/10.3390/molecules28186724**

2 Purity

HILIC-CAD homogeneity (universal detection)

99.54%
≥ 99.25 area %

PASS

Acceptance	**≥ 99.25%**	Vial A	**99.54% · PASS**
Criterion source	**Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31**		

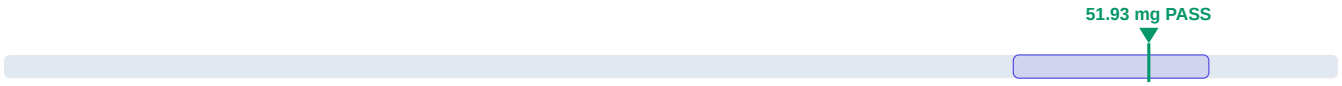
3 Net Peptide Content

Quantitative HPLC vs reference std

Vial A: 51.93 mg
every vial within ±10% of 50 mg

PASS

Target	**50 mg (±10%)**	Vial A	**51.93 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.

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SCAN TO VERIFY

8 Fentanyl Screen

LC-MS/MS targeted adulterant screen

none detected
no fentanyl or analog at or above 1 ng/mg

PASS

Result	**Not detected**	Detection limit	**1 ng/mg**
Analytes screened	**Fentanyl, Acetylfentanyl, Acrylfentanyl, Butyrylfentanyl, Carfentanil, Cyclopropylfentanyl, Furanylfentanyl, Methoxyacetylfentanyl, ortho-Fluorofentanyl, Valerylfentanyl, 4-ANPP (despropionyl fentanyl)**	Source container	**A**

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>.

`[Fentanyl Screen]` Targeted LC-MS/MS adulterant screen, reported as detected or not detected against its stated detection limit. A harm-reduction research screen, not an exhaustive adulterant panel.

Digital Signatures

Analyst	**Alana Reeves**	Analyst Signature	**ed25519:d4bc6415f022b401e2ae2de1...**
Technical Reviewer	**Michael Niles**	Reviewer Signature	**ed25519:68595a2bf9153d9aa401adc4...**
Laboratory Director	**Daniel Brennan**	Director Signature	**ed25519:66409614cafc77ae4c89cfe1...**

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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CERTIFICATE OF ANALYSIS · 4X ESSENTIAL PANEL + 1 ADD-ON LAYER (L8)

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AX-2026-2112-4DP2

GHK-Cu · Lot RVA-CU-805A19
Issued Oct 20, 2026 PT · v1
Verify: 6031-9374-AA8A

SCAN TO VERIFY

PASS — ALL SPECIFICATIONS MET

5 of 5 layers complete

L1	L2	L3	L4	L8
Identity	Purity	Net Peptide Content	Sterility	Fentanyl Screen

Sample & Vial Validation

Vial A: as received & analyzed

MORE VIEWS OF VIAL A

Vial A · right

Brand	**Latitude 40 Aminos**	Product	**GHK-Cu**
Lot / Batch	**RVA-CU-805A19**	Label Claim	**100 mg**
Matrix	**Lyophilized powder**	Sample Count	**1**
Vial Size	**3mL**	Cap Color	**Clear**
Crimp Color	**Silver / Aluminum**	Contents Color	**Blue**
Seal Intact	**Yes**	Condition	**sealed, intact**
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Purity validated in house	≥ 99.25 area %	99.97%	PASS
Net Peptide Content research screen	every vial within ±10% of 100 mg	Vial A: 105.25 mg	PASS
Sterility · Rapid PCR research screen	Rapid PCR screen	Target DNA not detected	PASS
Fentanyl Screen research screen	no fentanyl or analog at or above 1 ng/mg	none detected	PASS

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HILIC-ESI-MS intact GHK-Cu full-scan/isotope identity

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PASS

Result	**402.108 m/z; matched-standard difference −0.002 Da**	Acceptance	**sample response within 402.11 m/z ±1.00 Da (inclusive 401.11–403.11 m/z) · 402.11 m/z for [L+Cu−H]+ (published intact-complex identity context only — not a formula-derived mass and not the sample acceptance target), source https://doi.org/10.3390/molecules28186724**

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≥ 99.25 area %

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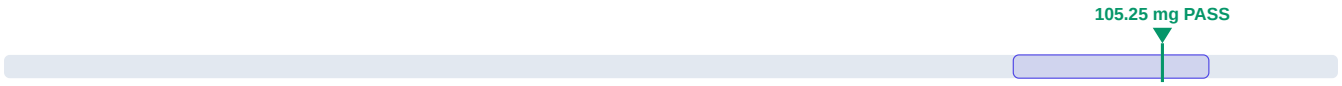
Quantitative HPLC vs reference std

Vial A: 105.25 mg
every vial within ±10% of 100 mg

PASS

Target	**100 mg (±10%)**	Vial A	**105.25 mg · PASS**
Confirmed container volume	**Unknown**	Content concentration	**Unknown**



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Target DNA not detected
Rapid PCR screen

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Result	**Target DNA not detected**	Acceptance	**Rapid PCR screen**
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STERIGENIX

CERTIFICATE OF ANALYSIS

REPORT # RPT-2026-196581

Client Latitude 40 Aminos

Analyzed 08/10/2026

This Certificate of Analysis certifies that the sample listed herein was tested by SteriGenix using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	GHK-Cu (Copper Peptide)	**Form**	Lyophilized
Batch	SGX-L4A-2026-0727-L73	**Labeled Qty**	100MG
Mol. Formula	C14H22CuN6O4	**CAS Number**	89030-95-5
Cap Color	Blue	**Crimp Color**	Silver
Appearance	Blue Powder		

TEST RESULTS

	REFERENCE STANDARD	RESULT	
Identity Confirmation (LC-MS)	GHK-Cu (Copper Peptide)	**GHK-Cu (Copper Peptide)**	✓
Batch Avg Purity (HPLC)	(>98%)	**99.91**	✓
Net Peptide Content	100MG ± 10%	**101.74**	✓

HEAVY METAL SCREENING

No data.

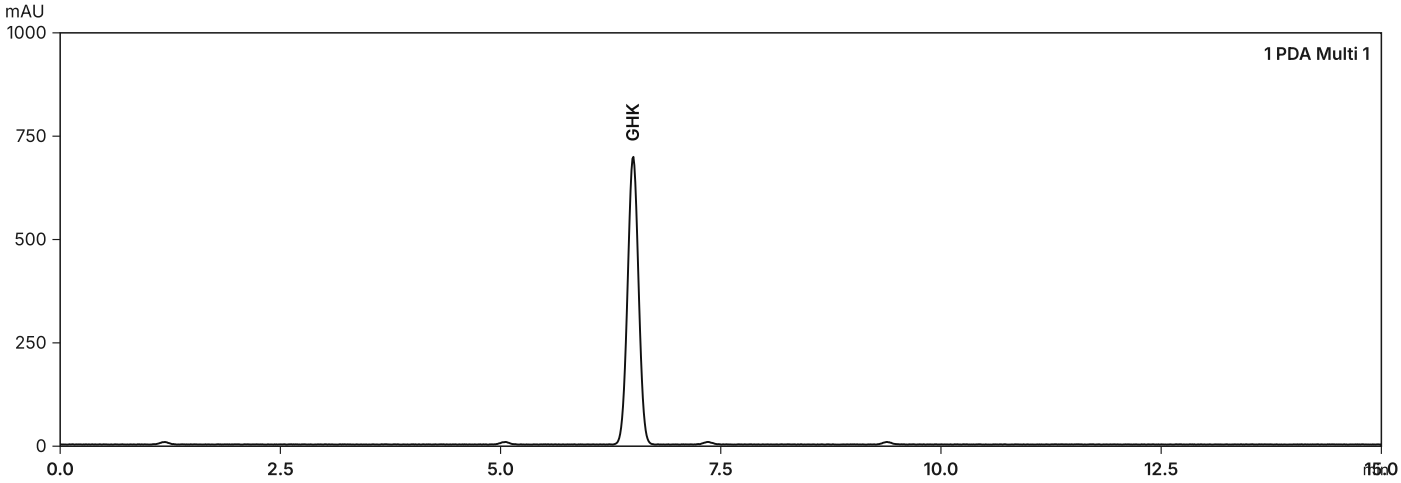
BATCH CONFORMITY RESULTS

No data.

HPLC CHROMATOGRAM

HPLC CHROMATOGRAM · GHK-CU 100MG

DETECTOR: UV 214 NM · 08/10/2026



SAMPLE PHOTOS

AS RECEIVED

RECONSTITUTED (BACT. WATER) — CLARITY CHECK

Dr. R. Caldwell
ANALYST
ID: AN-3271

Dr. P. Andersen
QC REVIEWER
ID: QR-5418

Dr. H. Whitman
QA DIRECTOR
ID: QA-1090

sterigenixanalytical.com/verify

Report#: RPT-2026-196581
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