



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



Brand	Guardian Labs	Product	Glow
Lot / Batch	GLGLOW70-V01-2610-01	Label Claim	GHK-CU / 50MG / BPC-157 / 10mg / TB500 / 10mg
Matrix	lyophilized powder	Sample Count	1
Vial Size	3mL	Cap Color	Purple
Crimp Color	Silver / Aluminum	Contents Color	Blue
Seal Intact	Yes	Condition	sealed, intact
Received	Oct 7, 2026 PT	Sampling	client submitted

MORE VIEWS OF VIAL A



Test Results

Test	Specification	Result	
Identity research screen	every declared component within ±1 Da of its own theoretical mass	3 of 3 components confirmed	PASS
Purity validated in house	each declared component at or above its own locked purity criterion	99.63%	PASS
Net Peptide Content research screen	each declared component within its own locked content criterion, at the declared ratio	73.14 mg	PASS
Sterility · Rapid PCR research screen	Rapid PCR screen	Target DNA not detected	PASS



Layer Results

1

Identity
HILIC-ESI-MS intact GHK-Cu full-scan/isotope identity + LC-MS (ESI+) accurate mass

3 of 3 components confirmed

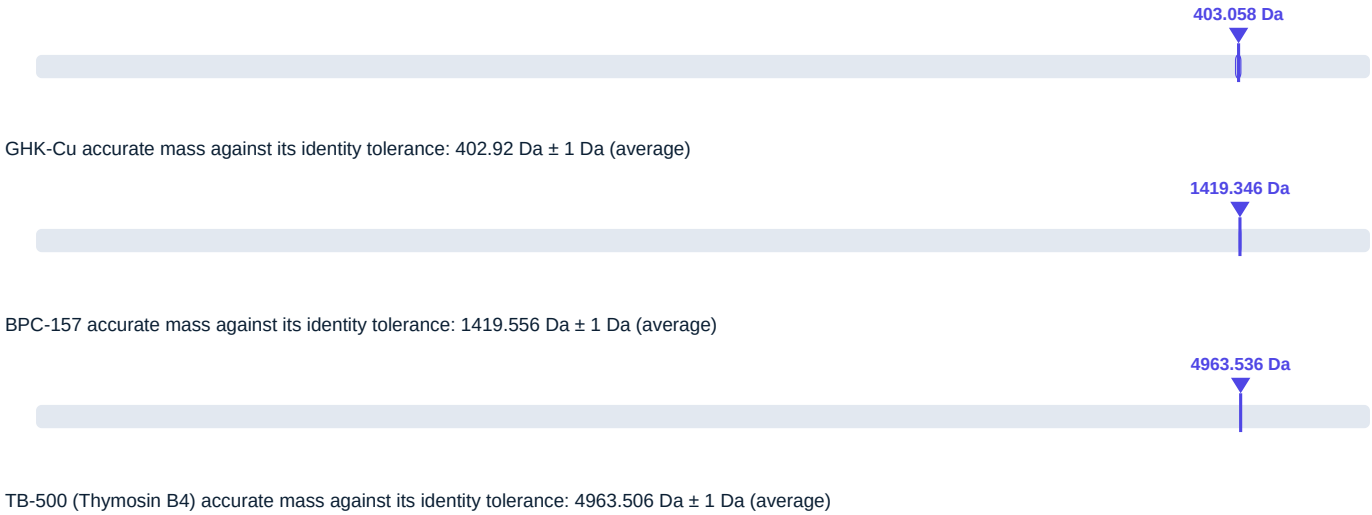
every declared component within ±1 Da of its own theoretical mass

PASS

Component	Its criterion	Observed	Status
GHK-Cu	402.92 Da · acceptance ±1 Da · average	403.058 Da	PASS Recorded component call: PASS Calculated comparison: within criterion Signed layer call: PASS
BPC-157	1419.556 Da · acceptance ±1 Da · average	1419.346 Da	PASS Recorded component call: PASS Calculated comparison: within criterion Signed layer call: PASS
TB-500 (Thymosin B4)	4963.506 Da · acceptance ±1 Da · average	4963.536 Da	PASS Recorded component call: PASS Calculated comparison: within criterion Signed layer call: PASS

Theoretical mass	1419.556 Da	Acceptance	within ±1 Da
Vial A	3 of 3 components confirmed	GHK-Cu intact-complex determination	Sample-level HILIC-ESI-MS; separate from the per-vial accurate-mass component screen
Recorded matched-standard response	No matched-standard response supplied	Qualified matched-standard criterion	Criterion unresolved — surfaced to staff for resolution; entry, signing, and release are not blocked
Actual sample intact-complex response	402.11 m/z	Difference from qualified matched standard	-
Same-run matched-standard comparison	confirmed	Natural copper isotope envelope	confirmed

Component	Theoretical	Observed	Mass error	Identity
GHK-Cu	402.92 Da	403.058 Da	+0.138 Da (342.5 ppm)	CONFIRMED
BPC-157	1419.556 Da	1419.346 Da	-0.21 Da (-147.9 ppm)	CONFIRMED
TB-500 (Thymosin B4)	4963.506 Da	4963.536 Da	+0.03 Da (6 ppm)	CONFIRMED





2 Purity
 HILIC-CAD homogeneity (universal detection) + RP-HPLC 214 nm area% (USP <621>)

99.63%
 each declared component at or above its own locked purity criterion

PASS

Component	Its criterion	Observed	Status
GHK-Cu	Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.34%	PASS Recorded component call: not recorded Calculated comparison: within criterion Signed layer call: PASS
BPC-157	Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.97%	PASS Recorded component call: not recorded Calculated comparison: within criterion Signed layer call: PASS
TB-500 (Thymosin B4)	Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.59%	PASS Recorded component call: not recorded Calculated comparison: within criterion Signed layer call: PASS

 Acceptance **Each component NLT 99.25 area %** Vial A **99.63% · PASS**


GHK-Cu purity against its criterion: NLT 99.25 area %



BPC-157 purity against its criterion: NLT 99.25 area %



TB-500 (Thymosin B4) purity against its criterion: NLT 99.25 area %



SCAN TO VERIFY

3

Net Peptide Content
Quantitative HPLC vs reference std

each declared component within its own locked content criterion, at the declared ratio

73.14 mg

PASS

Component	Its criterion	Observed	Status
GHK-Cu	5 parts · 45–55 mg · Declared blend recipe on the controlled Axiom catalog record for Glow (component ratio 5); acceptance ±10% per Axiom SPEC-CONTENT-001	52.19 mg	PASS Recorded component call: not recorded Calculated comparison: within criterion Signed layer call: PASS
BPC-157	1 part · 9–11 mg · Declared blend recipe on the controlled Axiom catalog record for Glow (component ratio 1); acceptance ±10% per Axiom SPEC-CONTENT-001	10.24 mg	PASS Recorded component call: not recorded Calculated comparison: within criterion Signed layer call: PASS
TB-500 (Thymosin B4)	1 part · 9–11 mg · Declared blend recipe on the controlled Axiom catalog record for Glow (component ratio 1); acceptance ±10% per Axiom SPEC-CONTENT-001	10.71 mg	PASS Recorded component call: not recorded Calculated comparison: within criterion Signed layer call: PASS

Observed ratio **GHK-Cu 5.10 : BPC-157 1.00 : TB-500 (Thymosin B4) 1.05** against declared **GHK-Cu 5.00 : BPC-157 1.00 : TB-500 (Thymosin B4) 1.00** · source Declared blend recipe on the controlled Axiom catalog record for Glow (component ratio 5); acceptance ±10% per Axiom SPEC-CONTENT-001

Target	70 mg (±10%)	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>.



SCAN TO VERIFY

Digital Signatures

Analyst	Alana Reeves	Analyst Signature	ed25519:14b42455498ed2363355eab6...
Technical Reviewer	Michael Niles	Reviewer Signature	ed25519:7d7caa09ae3909a6a175d8b1...
Laboratory Director	Daniel Brennan	Director Signature	ed25519:dbe1c02d11ec0b3aa1c5c38d...

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Seal: ed25519:f36f878117e4509e224dc23836b673d8ea311bf8...

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