GENESIS BIOLABS

255 S Orange Avenue, Suite 104, Orlando, FL 32801
contact@genesisbiolabs.org | www.genesisbiolabs.org

COA # **9566408**

PASS

Certificate of Analysis

Date:	9/14/2026	Date Tested:	8/25/2026
Customer:	Peptides Optimized LLC	Testing material:	Bacteriostatic Water
Batch #:	BAC10-J14	BT Sample ID:	005000939272972
Labeled Fill Volume:	10 mL	Storage:	R.T.
Visual Description:	Clear, colourless solution; free of visible particulate matter.		
Labeled as:	Bacteriostatic Water	Manufacturer:	N/A
Testing Purpose:	Analysis of bacteriostatic water for injection: appearance, pH, benzyl alcohol content, bacterial endotoxins and sterility as recorded in this certificate. It does not test peptide purity or potency.		



Test	Method	Specification	Result	Status
Appearance	Visual	Clear, colorless solution; free of visible particulates	Clear, colorless	PASS
pH	USP <791>	4.5 – 7.0	5.5	PASS
Benzyl Alcohol Content	HPLC	0.8 – 1.0 % w/v	0.9 % w/v	PASS

The results of the CoA relate only to the item(s) tested and applied to the sample as received.

COA # 9566408 ACCESS CODE **PGZCNG73LYG0** VERIFY AT www.genesisbiolabs.org/verify

Kenji Sato

Kenji Sato, AS
Laboratory Director
Genesis Biolabs
Signed 9/14/2026

Min-Jun Park

Min-Jun Park, AS
QA Approver
Genesis Biolabs
Signed 9/14/2026

This certificate relates only to the item(s) tested. Results shall not be reproduced except in full without the written approval of the laboratory.

Certificate of Analysis

Product: Bacteriostatic Water **Batch #:** BAC10-J14 **Content:** 10 mL **Tested:** 8/25/2026

Test	Method	Specification	Result	Status
Bacterial Endotoxins Test	USP <85>	NMT 40 EU/vial reconstituted	PASS	PASS

The results of the CoA relate only to the item(s) tested and applied to the sample as received.

Bacterial Endotoxins Test Bacteriostatic Water Lot BAC10-J14

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity (λ, EU/mL)	Result
BAC10-J14	Bacteriostatic Water	10	40 EU/vial	0.25	0.09 EU/vial

The sample passed a valid gel clot endotoxin test based on the type, mode of administration and dosage.

Sterility Test

Test	Method	Specification	Result	Status
Sterility	USP <71> (membrane filtration)	No microbial growth	PASS	PASS

Medium	Incubation Temp.	Duration	Units Tested	Observation
Fluid Thioglycollate Medium (FTM)	30 – 35 °C	14 days	2	No growth
Soybean–Casein Digest Medium (SCDM)	20 – 25 °C	14 days	2	No growth

No microbial growth was observed. The sample meets the requirements of the sterility test (USP <71>).

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Certificate of Analysis

Product: Bacteriostatic Water **Batch #:** BAC10-J14 **Content:** 10 mL **Tested:** 8/25/2026

Notes & Methodology

1. Appearance assessed by visual inspection for clarity, colour and visible particulate matter.
2. pH determined potentiometrically per USP <791>.
3. Benzyl alcohol content (bacteriostatic preservative) determined by RP-HPLC against a reference standard.
4. Bacterial endotoxins determined by gel-clot method per USP <85>. Sterility per USP <71>.

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