



Certificate of Analysis

Date: 8/17/2026 Date Tested: 8/3/2026
Customer: Peptides Optimized LLC Testing material: Bacteriostatic Water
Batch #: BAC10-260810 BT Sample ID: 005000949941835
Labeled Fill 10 mL Storage: R.T.
Volume:
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 # 1596529

ACCESS CODE **LJ7U2PXMXYVE**

VERIFY AT www.genesisbiolabs.org/verify

Kenji Sato

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Signed 8/17/2026

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GB-QSA-TR001
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Certificate of Analysis

Product: Bacteriostatic Water **Batch #:** BAC10-260810 **Content:** 10 mL **Tested:** 8/3/2026

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 Retatrutide Lot RT6944

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity (λ, EU/mL)	Result
RT6944	Retatrutide	3	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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Product: Bacteriostatic Water **Batch #:** BAC10-260810 **Content:** 10 mL **Tested:** 8/3/2026

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>.