PrymaLab
PRYMALAB ANALYTICAL · IN-HOUSE LABORATORY
3705 Music Branch Rd, Ashland, KY 41102 · +1 (606) 465-9063 · prymalab.net

CERTIFICATE NO.
PL-26-00139
VERIFICATION KEY
N9SQ8J5Z
Scan or enter both at prymalab.net/testing/verify

CERTIFICATE OF ANALYSIS · LOT RELEASE

BAC Water 3 mL

Lot **PL-2610-017** · Solution · Label claim **3 mL per vial**

TESTED IN-HOUSE BY PRYMALAB
In-house analytical result, not an independent third-party test

LOT / BATCH NUMBER	DATE MADE	DATE OF ANALYSIS	DATE ISSUED
PL-2610-017	2026-10-01	2026-10-05	2026-10-19
RETEST / EXPIRY	**UNITS IN LOT / SAMPLED**	**STORAGE**	**CERTIFICATE TYPE**
2028-10-01	376 / 3	—	Lot COA, 2 pages

COMPOUND	CAS NUMBER	MOLECULAR FORMULA	THEORETICAL MASS (AVG.)
Bacteriostatic water Sterile water for injection with benzyl alcohol as preservative; a diluent, not a peptide	**7732-18-5 (water) · 100-51-6 (benzyl alcohol)**	H_2O + benzyl alcohol (C_7H_8O)	n/a

STRUCTURE
Water for injection preserved with benzyl alcohol

PURITY · RP-HPLC, AREA %
—
Not applicable: bacteriostatic water is a diluent (no HPLC purity test)

BENZYL ALCOHOL · USP <341>
0.92%
Specification 0.85–0.95 % • pH 5.8 (specification 4.5–7.0)

OVERALL CONCLUSION
PASS
Meets every specification for the tests performed

TEST	METHOD	SPECIFICATION	RESULT	CONCLUSION
Benzyl alcohol content	USP <341>	0.85–0.95 %	0.92 %	**PASS**
pH	pH measurement	4.5–7.0	5.8	**PASS**
Bacterial endotoxin	LAL, kinetic	< 0.5 EU/mL	0.09 EU/mL	**PASS**
Sterility	USP <71>, 14-day	No growth	No growth	**PASS**

1 HPLC CHROMATOGRAM

Data file: — · Column — · UV —

No HPLC test applies to bacteriostatic water.

Not applicable: no HPLC or mass-spectrometry test applies to bacteriostatic water. The tests performed are listed in the table above.

For laboratory research use only. Not for human or veterinary use.

2 HPLC METHOD · —

COLUMN
—

DETECTION WAVELENGTH
—

NOT APPLICABLE
No HPLC test applies to bacteriostatic water

3 GRADIENT PROGRAM

TIME (MIN)	% A	% B

4 PEAK TABLE

PEAK	RT (MIN)	AREA	AREA %

Not applicable to bacteriostatic water · Purity = main peak area ÷ total integrated area × 100, to two decimals; main peak shaded.

5 IDENTITY BY MASS SPECTROMETRY

NOT APPLICABLE
No mass-spectrometry test applies to bacteriostatic water

6 ADDITIONAL TESTS

TEST	PERFORMED BY	DATE	REPORT / FILE
Benzyl alcohol content	PrymaLab Analytical	2026-10-05	—
pH	PrymaLab Analytical	2026-10-05	—
Bacterial endotoxin	PrymaLab Analytical	2026-10-05	—
Sterility	PrymaLab Analytical	2026-10-19	—

A test with no row here was not performed on this lot. Outside-laboratory reports, when used, are attached and named below.

7 REVIEW AND APPROVAL

D. Reynolds
Analyst · performed the testing
Date: 2026-10-19

S. Calloway
Reviewer · checked against raw data
Date: 2026-10-19

M. Phelps
Lab Director · approved for release
Date: 2026-10-19

Raw data retained at: project PL-2610, archive PL-ARC-2026; 7 years. Outside laboratory reports attached: None

This certificate applies only to the lot named above and describes the units sampled from it; it is not a guarantee for any other lot. Results were obtained by PrymaLab LLC's own laboratory (PrymaLab Analytical) and are not an independent third-party test unless an outside report is attached. Reference values (CAS, formula, theoretical mass, sequence) are literature values for the named compound. Authenticity: scan the QR code or enter certificate number PL-26-00139 and key N9SQ8J5Z at prymalab.net/testing/verify; any copy that does not match the record shown there is not a PrymaLab certificate. PrymaLab LLC products are supplied for laboratory research use only and not for human or veterinary use.