

ALC-PROOF-BAC-WATER-3-66 · Rev 1

Catalog reference: bac-water-3

Search code: ALC-PROOF-BAC-WATER-3-66

Received: 2026-09-28

Analyzed: 2026-09-29

Reported: 2026-09-30

Lot: SYN-00066

Sample Summary

Product: Bacteriostatic water – 3 mL

Principal peak purity: Not reported

Identity evidence: Not established by this report

Net volume: 2.911 mL

Molecular formula: Solution: component formulas in references

Neutral mass: No single molecular mass for a solution

Appearance: Clear solution

Chemical reference: Component references in supporting notes

Analytical Results

Within configured specifications

Profile profile-bac-water-3 v1.

Determination / method	Result	Specification	Decision
Net volume	2.911 mL	2.7 to 3.3 mL	Pass
QNT-01 · volume basis	U = 0.045 mL, k = 2		guard-band
Specification applies to the declared label claim.			

Methods: Gravimetric volume determination. Conditions, limits and calculated checks are included in the supporting pages.

Paul Gütse

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Reviewed by

Scan report code

Local design proof
ALC-PROOF-BAC-WATER-3-66



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Results apply only to the submitted sample and the methods listed in this report. Only the listed methods are covered. This report does not establish sterility, endotoxin content, biological activity or suitability for clinical use.

Calculated checks and system suitability			
Analysis check	Value	Configured criterion	Assessment
Assay relative to label claim	97.033 %	90 to 110	pass

Methods and decision rules

QNT-01 · Gravimetric volume determination 1

Instrument: analytical balance

Calibration and replicate measurement. Expanded uncertainty uses $k = 2$.

Expanded measurement uncertainty uses a coverage factor of 2.

Simple acceptance compares the result with the stated limits. Guard band acceptance requires the full expanded uncertainty interval to fall within the limits; overlap is indeterminate. A failed specification remains a reportable result.

Scope and observations

Volume alone does not establish sterility, endotoxin content or preservative concentration.

Water and benzyl alcohol are formulation references only, not measured sample components. Preservative identity, presence and concentration require the sample formulation. No preservative strength or sterility is inferred. [DailyMed formulation reference](#).

Component chemical reference properties

Reference component	Molecular formula	Neutral mass (Da)	Source
Water (vehicle reference)	H2O	18.01056	PubChem CID 962
Benzyl alcohol (preservative reference)	C7H8O	108.05751	PubChem CID 244

Masses are calculated using the monoisotopic convention; they are not observed MS results.

Water (vehicle reference): Neutral water molecule. Vehicle reference only; does not establish sample composition, water quality or sterility.

Benzyl alcohol (preservative reference): Neutral benzyl alcohol molecule. Preservative reference only; identity, presence and concentration in the sample are not established.

Only the listed methods are covered. This report does not establish sterility, endotoxin content, biological activity or suitability for clinical use.

Sample reference: Catalog identity and nominal content supplied by the client.

Chemical form: Chemical form and sequence require a laboratory reference.

Chemical reference: Component references in supporting notes

Prepared by: alchemlabs