PurePoint ANALYTICAL

Certificate of Analysis

Code **PP-L7P95V**
Issued **Nov 3, 2026, 5:57 PM**

Scan to verify

Verified by PurePoint · Passed all tests | **4 POINT TESTED**

✓ Sterile · No Growth | ✓ Endotoxin Within Limits

CLIENT
Stronghold Labs

Sample Information

COMPOUND
Bacteriostatic Water

MARKETING NAME
Preserved Aqueous Solution

LABELED SIZE
10 mL

LOT / BATCH
Bacteriostatic Water 10mL

SAMPLE RECEIVED
Oct 28, 2026, 1:17 PM

TESTING PERFORMED
Oct 29, 2026, 9:54 AM

Verified Certificate
Publicly verifiable — scan the QR code above, or look up PP-L7P95V at purepointanalytical.com/coa

Benzyl Alcohol Assay (GC)

PARAMETER	SPECIFICATION	RESULT	STATUS
Appearance (Color)	Colorless	Colorless	PASS
Appearance (Form)	Liquid	Liquid	PASS
Benzyl Alcohol Content	0.9% ± 10%	0.91%	PASS
Purity (GC)	NLT 99.5%	99.65%	PASS
Impurity 1	NMT 0.50%	ND	PASS
Impurity 2	NMT 0.50%	ND	PASS
Refractive Index (20°C)	1.540 - 1.542	1.5408	PASS
Net Volume	10 mL ± 10%	10.07 mL	PASS

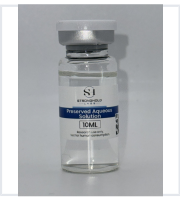
Reference: CAS 100-51-6 | C7H8O | MW 108.14 g/mol· Method: Gas Chromatography (FID) per USP <621>

Additional Quality Screens

TEST	REFERENCE STANDARD	RESULT	STATUS
Endotoxin Analysis	Not detected above 5 EU/mL (USP <85>)	PASS	PASS
pH Analysis	4.5 - 7.0	5.38	PASS
Rapid Sterility Screen	No microbial growth observed	PASS	PASS

Results are for research use only and are not for human consumption, clinical, diagnostic, or therapeutic use. Verify this certificate at purepointanalytical.com/coa/PP-L7P95V

Sample Photo



Notes & Methodology

Benzyl Alcohol Assay (Gas Chromatography, USP <621>)
Benzyl alcohol preservative content and purity determined by Gas Chromatography with flame ionization detection per USP <621>, against certified reference standards. Related-substance impurities are reported per pharmacopoeial convention as Impurity 1 and Impurity 2, which correspond to benzaldehyde and cyclohexanemethanol respectively. Refractive index measured at 20°C. Appearance assessed by visual inspection against a colorless-liquid specification.

Endotoxin Analysis (Kinetic Chromogenic LAL, USP <85>)
Bacterial endotoxin quantified by kinetic chromogenic LAL per general principles of USP <85>. Result reported in EU/mL against the defined acceptance limit for the sample type.

pH Analysis (Potentiometric pH Measurement)
pH measured potentiometrically on a reconstituted solution of the submitted sample.

Rapid Sterility Screen (Membrane Filtration + Chromogenic Detection)
Preliminary microbial contamination screening performed by membrane filtration with chromogenic detection; results are read after 24 to 48 hours of incubation. This screen is a fast preliminary indicator and is not a substitute for full compendial sterility testing.

AUTHORIZED BY

Micah Lunsford
Senior Analytical Chemist · Signed Nov 3, 2026, 12:18 PM

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