CLIENT & SAMPLE INFORMATION

Client	Arch Research	Certified Date	10/22/2026
Lot / Batch	CP-083L	Product Name	Bacteriostatic Water
Preservative	Benzyl Alcohol 0.9%	Container	Glass Vial

This Certificate of Analysis certifies that the bacteriostatic water sample listed herein was tested for preservative content, sterility, and physicochemical properties in accordance with applicable USP/EP methods.

BENZYL ALCOHOL ASSAY (GC-FID)

Parameter	Specification	Result	Status
Appearance (Color)	Colorless	Colorless	PASS
Appearance (Form)	Liquid	Liquid	PASS
Benzyl Alcohol Content	0.9% +/- 10%	0.90%	PASS
Purity (GC)	≥ 99.5%	99.9%	PASS
GC Impurity 1	≤ 0.50%	< 0.01%	PASS
GC Impurity 2	≤ 0.50%	ND	PASS
Refractive Index (20C)	1.540 - 1.542	1.541	PASS

Parameter	Specification	Result	Status
Additional Screens			
pH Analysis	4.5 - 7.0	6.642	PASS
Batch Clarity (1 vials)	Clear, particulate-free	All vials conform	PASS
Overall Determination			**PASS**

Reference: CAS 100-51-6 | C_7H_8O | MW 108.14 g/mol | Method: Validated GC-FID method; chromatography performed in accordance with USP <621> principles

BATCH QUALITY VERIFICATION (1 VIALS)

Sample ID	Specification Compliance	Visual Inspection	Determination
Vial 1	Conforms	Clear, particulate-free	PASS
Overall Batch Quality			PASS



ADDITIONAL QUALITY SCREENS

PH ANALYSIS

Method	USP <791>
Specification	4.5 - 7.0
Result	6.642
Status	PASS