



CLIENT & SAMPLE INFORMATION

ClientPeak Chain / Genetix Chain

Analysis Date07/15/2026

Lot / Batch1111-0039

Product NameBAC Water (Standard)

PreservativeBenzyl Alcohol 0.9%

ContainerGlass 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)

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

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

Parameter	Specification	Result	Status
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
Overall Determination			PASS

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

ENDOTOXIN SCREEN

Method	LAL (USP <85>)
Limit	≤ 0.5 EU/mL
Result	< 0.10 EU/mL
Status	PASS

STERILITY / MICROBIAL SCREEN

Method	Rapid Sterility
Specification	No Growth
Incubation	2 days
Result	No microbial growth detected
Fungi	Not Detected
Status	PASS

HEAVY METAL SCREEN

Method	ICP-MS
Specification	Compliant
Result	PASS
Status	PASS



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