BACTERIOSTATIC WATER ANALYSIS

Comprehensive Quality Testing Report

Sample ID: **KVR-2026-AFF1CE**

CLIENT & SAMPLE INFORMATION

Client	Glacier Aminos	**Analysis Date**	05/27/2026
Lot / Batch	BAC10GA-02	**Product Name**	Bacteriostatic Water
Preservative	Benzyl Alcohol 0.9%	**Container**	Poly 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

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

Reference: CAS 100-51-6 | C_7H_8O | MW 108.14 g/mol | Method: Gas Chromatography per USP <621>

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	5.5
Status	PASS

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 Growth
Fungi	Not Detected
Status	PASS

HEAVY METAL SCREEN

Method	ICP-MS
Specification	<= 10 ppm total
Result	< 10 ppm
Status	PASS