Analytical Formulations, Inc.
Premiere Consulting & Lab Services since 2008
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- Summary Report -

Test Product:	**Bacteriostatic Water 0.9% BA (S1)**	**Receive Date:**	1/23/2026
Client:	**Grey Axis Research**	**Manufacturer:**	MPS
Description:	3ml clear glass vial of clear liquid. (White cap / Silver crimp)	**Batch/Lot #:**	GX-BAC3ml-MPS0126x5k

COMPONENT	TEST	SPECIFICATION	RESULT
Benzyl Alcohol	**Qualitative ID** UV/Vis - Absorption	Test sample matches characteristic excitation peak of standard ~259nm.	**Matches** ∴ **Pass**
	Quantitative Assay UV/Vis Beer-Lambert	Range: 0.9 - 1.1% w/v ($C_S = A / \varepsilon \times d$)	**0.92%** ∴ **Pass**
Deionized Water	**pH**	Range: 5.0 - 7.0 @ 25 ± 1°C	**5.6** ∴ **Pass**
	Dissolved Solids (TOC + TDS)	NMT 500ppb (0.500mg/l) Total Combined Solids	**N/A**
	TDG	NMT 10ppm Total Dissolved Gases (as Oxygen & CO_2)	**N/A**
	Conductivity	NMT 1.3µS/cm from Total Ion Content (temperature compensated)	**N/A**

Tested on a calibrated Jenway 6715 UV/Vis Spectrophotometer.

Discussion:
Sample received sealed and in good condition.

Performing Analyst **Initial & Date:** SD 26 January 2026

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