



- Summary Report -

Test Product: **Bacteriostatic Water**

Client: Grey Axis Research

Description: 3ml clear glass vial of transparent liquid. (Blue cap / Silver crimp)

Receive Date: 07-22-26

Batch/Lot #: GX-3mLBAC-726

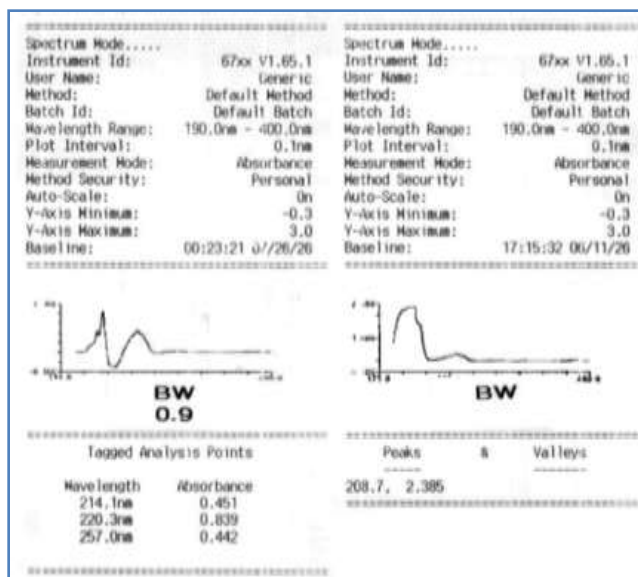
Manufacturer: N/A

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 ($C_s = A / \epsilon \times d$)	0.908% .: Pass
	Percent Purity Correlation Coefficient	NLT 95% $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.7% .: Pass
	TAMC (Total Aerobic Microbial Counts)	NMT 100 CFU/ml Aerobic & Coliform incubated for 48hrs @ 98.6°F	0 .: Pass
	TYMC (Total Yeast and Mold Counts)	NMT 10 CFU/ml Yeast & Molds incubated for 48hrs @ 86°C	0 .: Pass

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

Discussion:

Sample received sealed and in good condition.



Performing Analyst

Initial & Date: 29 July 2026

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