

AAMI ST108 & STERILE PROCESSING

VALIDATION TESTING FOR AAMI ST108			
WATER QUALITY MEASUREMENT	CRITICAL WATER	UTILITY WATER	STEAM
pH @ 25 °C	✓	✓	✓
Conductivity	✓	✓	✓
Total Alkalinity	✓	✓	✓
Total Hardness	✓	✓	✓
Color	✓	✓	✓
Turbidity	✓	✓	✓
Aluminum	✓	✓	✓
Chloride	✓	✓	✓
Copper	✓	✓	✓
Iron	✓	✓	✓
Manganese	✓	✓	✓
Nitrate	✓	✓	✓
Phosphate	✓	✓	✓
Sulfate	✓	✓	✓
Silicate	✓	✓	✓
Zinc	✓	✓	✓
HPC Bacteria	✓	✓	
Endotoxin (Recombinant Cascade)	✓		
Total Organic Carbon (TOC)	✓		

ROUTINE TESTING FOR AAMI ST108			
WATER QUALITY MEASUREMENT	CRITICAL WATER	UTILITY WATER	STEAM
pH @ 25 °C	✓	✓	✓
Conductivity	✓	✓	✓
Total Alkalinity	✓	✓	✓
Total Hardness	✓	✓	✓
Color	✓	✓	✓
Turbidity	✓	✓	✓
HPC Bacteria	✓	✓	
Endotoxin	✓		

ADDITIONAL TESTING
WATER QUALITY MEASUREMENT
Legionella - CDC method & ISO 11731 Certified

To learn more about how Ascend can help you, email sales@aclab.com or call 800.800.5655.

AAMI ST108 CRITICAL WATER

Collection Instructions

CRITICAL WATER VALIDATION TESTING

					
Collection Container	125mL Trace Metal-Free Bottle	125mL Trace Metal-Free Bottle	Conical Tube	Tall Yellow	Tall Yellow
Validation Tests per Source	- pH - Conductivity - Total Alkalinity - Color - Turbidity	Total Organic Carbon (TOC)	Total Hardness Ionic Contaminants: Al, Cl, Cu, Fe, Mn, Zn,	Bacteria	Endotoxin
Collection	- Rinse the Bottle: - Half-fill with source water - Cap & shake - Empty the water - Collect the Sample: - Fill completely with source water - Cap tightly		- Fill to Max Freeze line - Secure lid	 - Collect sample using Sterile Cup w/ Transfer Port - Discard after collection - Do not ship	
Refrigerate	✓	✓	✓	✓	✓

CRITICAL WATER ROUTINE TESTING

				
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube	Tall Yellow	Tall Yellow
Routine Tests per Source	- pH - Conductivity - Total Alkalinity - Color - Turbidity	Total Hardness	Bacteria	Endotoxin

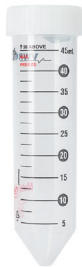
AAMI ST108 UTILITY WATER

Collection Instructions

UTILITY WATER VALIDATION TESTING

			
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube	Tall Yellow
Validation Tests per Source	- pH - Conductivity - Total Alkalinity - Color - Turbidity	Total Hardness Ionic Contaminants: Al, Cl, Cu, Fe, Mn, Zn, Nitrate, Silicate, Phosphate, Sulfate	Bacteria
Collection	- Rinse the Bottle: - Half-fill with source water - Cap & shake - Empty the water - Collect the Sample: - Fill completely with source water - Cap tightly	- Fill to Max Freeze line - Secure lid	 - Collect sample using Sterile Cup w/Transfer Port - Discard after collection - Do not ship - Fill tube until flow ceases
Refrigerate	✓	✓	✓

UTILITY WATER ROUTINE TESTING

			
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube	Tall Yellow
Routine Tests per Source	- pH - Conductivity - Total Alkalinity - Color - Turbidity	Total Hardness	Bacteria

AAMI ST108 STEAM

Collection Instructions

STEAM VALIDATION TESTING		
		
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube
Validation Tests per Source	• pH • Conductivity • Total Alkalinity • Color • Turbidity	Total Hardness Ionic Contaminants: • Al, Cl, Cu, Fe, Mn, Zn, Nitrate, Silicate, Phosphate, Sulfate
Collection	• Rinse the Bottle: - Half-fill with source water - Cap & shake - Empty the water • Collect the Sample: - Fill completely with source water - Cap tightly	• Fill to Max Freeze line • Secure lid
Refrigerate	✓	✓

STEAM ROUTINE TESTING		
		
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube
Routine Tests per Source	• pH • Conductivity • Total Alkalinity • Color • Turbidity	Total Hardness