ASCEND

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
PCR Analysis for Legionella (Quantitative)

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

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TESTING FOR LIFE

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AAMI ST108 COLLECTION & HANDLING

Proper sterile colection technique is required when collecting environmental samples

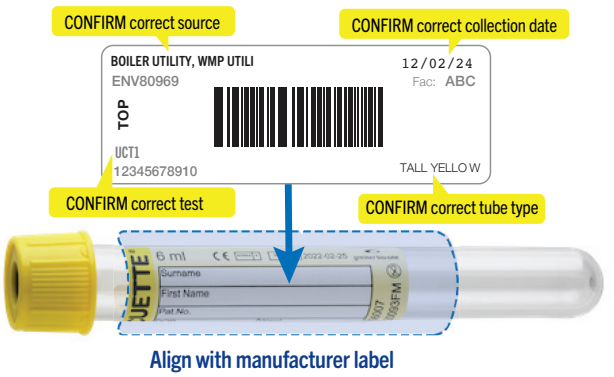
VALIDATATION TESTING KITS

CRITICAL WATER	UTILITY WATER	STEAM

ROUTINE TESTING KITS

CRITICAL WATER	UTILITY WATER	STEAM

LABELING & PACKAGING



Align with manufacturer label

Refrigerate 2 - 8° C

Must use Specimen Transport Biohazard Bag with Absorbent Sheet for all samples

	TYPE	TESTS	COLLECTION	REFRIGERATE
	Sterile Cup w/Transfer Port	For collection only	• Discard after collection • Do NOT ship	
	Tall Yellow	HPC Bacteria, Endotoxin	• Collect sample using Sterile Cup w/Transfer Port • Fill tube until flow ceases	✓
	Conical Tube	Total Hardness, Ionic Contaminants: • Al, Cl, Cu, Fe, Mn, Zn, Nitrate, Silicate, Phosphate, Sulfate	• Fill to Max Freeze line • Secure lid	✓
	125mL Trace Metal-Free Bottle	pH, Conductivity, Total Alkalinity, Color, Turbidity, TOC	• Rinse the Bottle: - Half-fill with source water - Cap & shake - Empty the water • Collect the Sample: - Fill completely with source water - Cap tightly	✓

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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, Nitrate, Silicate, Phosphate, Sulfate	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 • Fill tube until flow ceases	
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

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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

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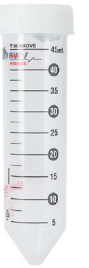
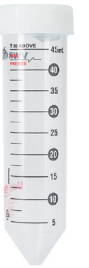
AAMI ST108 STEAM

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

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