

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.



AAMI ST108 CRITICAL WATER

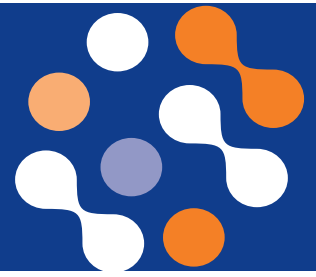
Collection Instructions

CRITICAL WATER VALIDATION TESTING

					
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube	Tall Yellow	Tall Yellow	125mL Trace Metal-Free Bottle
Validation Tests per Source	<ul style="list-style-type: none"> pH Conductivity Total Alkalinity Color Turbidity 	Total Hardness Ionic Contaminants: <ul style="list-style-type: none"> Al, Cl, Cu, Fe, Mn, Zn, Nitrate, Silicate, Phosphate, Sulfate 	Bacteria	Endotoxin	Total Organic Carbon (TOC)
Collection	Rinse the Bottle: 1. Half-fill with source water 2. Cap & shake 3. Empty the water Collect the Sample: 1. Fill completely with source water 2. Cap tightly	<ul style="list-style-type: none"> Fill to Max Freeze line Secure lid 	<ul style="list-style-type: none"> Collect sample using Sterile Cup w/Transfer Port Fill tube until flow ceases 	<ul style="list-style-type: none"> Collect sample using Sterile Cup w/Transfer Port Fill tube until flow ceases 	Rinse the Bottle: 1. Half-fill with source water 2. Cap & shake 3. Empty the water Collect the Sample: 1. Fill completely with source water 2. Cap tightly
Refrigerate	✓	✓	✓	✓	✓

CRITICAL WATER ROUTINE TESTING


				
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube	Tall Yellow	Tall Yellow
Routine Tests per Source	<ul style="list-style-type: none"> pH Conductivity Total Alkalinity Color Turbidity 	Total Hardness	Bacteria	Endotoxin






AAMI ST108 UTILITY WATER

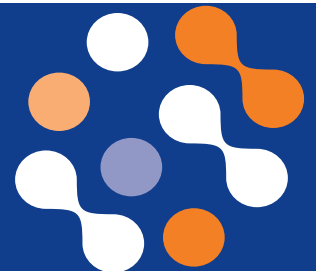
Collection Instructions

UTILITY WATER VALIDATION TESTING

			
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube	Tall Yellow
Validation Tests per Source	<ul style="list-style-type: none"> pH Conductivity Total Alkalinity Color Turbidity 	Total Hardness Ionic Contaminants: <ul style="list-style-type: none"> Al, Cl, Cu, Fe, Mn, Zn, Nitrate, Silicate, Phosphate, Sulfate 	Bacteria
Collection	Rinse the Bottle: 1. Half-fill with source water 2. Cap & shake 3. Empty the water Collect the Sample: 1. Fill completely with source water 2. Cap tightly	<ul style="list-style-type: none"> Fill to Max Freeze line Secure lid 	<ul style="list-style-type: none"> Collect sample using Sterile Cup w/Transfer Port 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • pH • Conductivity • Total Alkalinity • Color • Turbidity 	Total Hardness Ionic Contaminants: <ul style="list-style-type: none"> • Al, Cl, Cu, Fe, Mn, Zn, Nitrate, Silicate, Phosphate, Sulfate
Collection	Rinse the Bottle: 1. Half-fill with source water 2. Cap & shake 3. Empty the water Collect the Sample: 1. Fill completely with source water 2. Cap tightly	<ul style="list-style-type: none"> • Fill to Max Freeze line • Secure lid
Refrigerate	✓	✓

STEAM ROUTINE TESTING

		
Collection Container	125mL Trace Metal-Free Bottle	Conical Tube
Routine Tests per Source	<ul style="list-style-type: none"> • pH • Conductivity • Total Alkalinity • Color • Turbidity 	Total Hardness