

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 COLLECTION & HANDLING

Proper sterile collection technique is required when collecting environmental samples

VALIDATION TESTING KITS

CRITICAL WATER



UTILITY WATER



STEAM



ROUTINE TESTING KITS

CRITICAL WATER



UTILITY WATER



STEAM



LABELING & PACKAGING

CONFIRM correct source

CONFIRM correct collection date

BOILER UTILITY, WMP UTILI
ENV80969

12/02/24
Fac: ABC

TOP

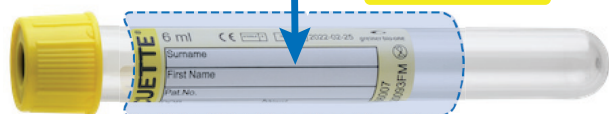


UCT1
12345678910

TALL YELLOW

CONFIRM correct test

CONFIRM correct tube type

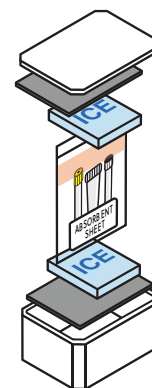


Align with manufacturer label

Refrigerate 2 - 8° C



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



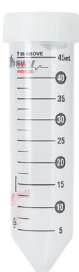





TYPE	TESTS	COLLECTION	REFRIGERATE
Sterile Cup w/Transfer Port	For collection only	<ul style="list-style-type: none"> Discard after collection Do NOT ship 	
Tall Yellow	HPC Bacteria, Endotoxin	<ul style="list-style-type: none"> Collect sample using Sterile Cup w/Transfer Port Fill tube until flow ceases 	✓
Conical Tube	Total Hardness, Ionic Contaminants: • Al, Cl, Cu, Fe, Mn, Zn, Nitrate, Silicate, Phosphate, Sulfate	<ul style="list-style-type: none"> Fill to Max Freeze line Secure lid 	✓
125mL Trace Metal-Free Bottle	pH, Conductivity, Total Alkalinity, Color, Turbidity, TOC	<ul style="list-style-type: none"> Rinse the Bottle: <ul style="list-style-type: none"> Half-fill with source water Cap & shake Empty the water Collect the Sample: <ul style="list-style-type: none"> Fill completely with source water Cap tightly 	✓

AAMI ST108 CRITICAL WATER

Collection Instructions

CRITICAL WATER VALIDATION TESTING


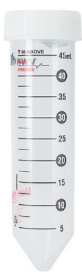


					
Collection Container	125mL Trace Metal-Free Bottle	125mL Trace Metal-Free Bottle	Conical Tube	Tall Yellow	Tall Yellow
Validation Tests per Source	<ul style="list-style-type: none"> pH Conductivity Total Alkalinity Color Turbidity 	Total Organic Carbon (TOC)	Total Hardness Ionic Contaminants: <ul style="list-style-type: none"> Al, Cl, Cu, Fe, Mn, Zn, Nitrate, Silicate, Phosphate, Sulfate 	Bacteria	Endotoxin
Collection	<ul style="list-style-type: none"> Rinse the Bottle: <ul style="list-style-type: none"> Half-fill with source water Cap & shake Empty the water Collect the Sample: <ul style="list-style-type: none"> Fill completely with source water 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 <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> pH Conductivity Total Alkalinity Color Turbidity 	Total Hardness	Bacteria	Endotoxin

AAMI ST108 UTILITY WATER


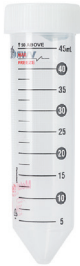
Collection Instructions

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	<ul style="list-style-type: none"> Rinse the Bottle: <ul style="list-style-type: none"> Half-fill with source water Cap & shake Empty the water Collect the Sample: <ul style="list-style-type: none"> Fill completely with source water 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 <ul style="list-style-type: none"> 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	<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	<ul style="list-style-type: none"> • Rinse the Bottle: <ul style="list-style-type: none"> - Half-fill with source water - Cap & shake - Empty the water • Collect the Sample: <ul style="list-style-type: none"> - Fill completely with source water - 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