



# Microbiologically Influenced Corrosion Bacteria

## SAMPLE COLLECTION

Microbiologically influenced corrosion (MIC) bacteria and their affects are often associated with water in low flow areas. Sample collection will vary by source. Samples for more than one MIC test may be collected in single 250 mL collection bottle as long as there is  $\geq 30$  mL for each type of test requested. The sample volume is  **$\geq 30$  mL** and should be collected as follows:

- Use waterproof pen to label bottle with sample location, description, and date.

### Potable Water

1. Turn on water (hot or cold) and immediately fill bottle to  **$\geq 30$  mL**.
2. Close bottle and then invert to mix the sodium thiosulfate neutralizer.

### Cooling Towers and Non-Potable Water

1. Submerge open bottle just under the surface of water to obtain  **$\geq 30$  mL** of sample. Avoid sediment.
2. Close bottle and invert to mix the sodium thiosulfate neutralizer.

## CHAIN OF CUSTODY

1. Log on to MySPL portal and click Start Chain of Custody under the Quick Links section.
2. Enter your information, and then click Save and Submit or Save as Draft. *Chains of Custody cannot be edited after submission.*
3. Add confirmation number from the confirmation screen (or email) to the box before shipping.

## SHIPPING

1. Ship the same day samples are collected for receipt in laboratory. The time from sample collection to analysis **should not exceed 30 hours**.
2. Place bottles in box with insulated liner.
3. Write your confirmation number on your SPL label that shipped with your bottle order. Add the label to top of box (if no label, write the number on your box).
4. Use the included return tape to seal your box for return shipping. Make an “H” with the tape by affixing tape evenly across the flaps and seams along the top of the box.



**SPECIAL  
PATHOGENS  
LABORATORY**  
THE LEGIONELLA EXPERTS®

SAMPLING AND SHIPPING

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5. Ship Monday–Thursday only to:  
*(Samples received on Saturday will not be processed.)*

Special Pathogens Laboratory  
1401 Forbes Ave., Suite 401  
Pittsburgh, PA 15219

Questions? Contact SPL at 412-281-5335