


BACTIQUANT® WATER TEST KIT INSTRUCTIONS

ML HUMIDIFICATION SYSTEM SAMPLE

Components

- (2) Sterile bottles
- (2) Labels for sterile bottles
- (2) Disinfectant wipes
- (2) Ice blocks
- (1) Shipping label

 Take water samples any day between Monday through Thursday!

- 1 Place ice blocks in freezer for a minimum of 3 hours.
- 2 Retrieve the sample of water from the pump station.

- Locate the red test valve on the ML pump station, see Figure 1.
- Wipe the test valve orifice with a disinfectant wipe.
- Open the test valve to release the flow of water.
- Bleed water from the orifice for 3 seconds before retrieving the sample.
- Retrieve a sample of water from the test valve.
- Fill the sample bottle to its neck.
- Seal the bottle with its cap.
- Close the test valve on the ML pump station.
- Label the bottle with the current date, time, and the word “PUMP”.



Figure 1

- 3 Retrieve the sample of water from the nozzle.

- Locate a nozzle to test and determine what zone the nozzle is located in.
- On the PLC display, change the relative humidity set point in the zone used for sampling to 60 - 80% during the time of sampling.
- Close the ball valve on the humidification head that has the nozzle intended for testing.

- Remove the nozzle by unthreading it from the fitting.
- Wipe the fitting orifice with disinfectant wipe, see Figure 2.
- Slowly open the ball valve on the humidification head that has the test nozzle.
- Bleed water from the orifice for 3 seconds before retrieving the sample.
- Retrieve a sample of water from the nozzle fitting orifice, see Figure 2.
- Fill the sample bottle to the neck of the bottle, and seal the bottle with the lid.
- Close the ball valve and rethread the nozzle.
- Return the humidity set point or the PLC to the original level.
- Label the bottle with the current date, time, and the word “NOZZLE”.



Figure 2

- 4 Remove the ice blocks from the freezer.
- 5 Pack the test kit box with the ice blocks and the sterile bottles full of sampled water.
- 6 Secure the test kit box with shipping tape.
- 7 Apply the shipping label to the outside of the box.
- 8 Ship the box on any day between Monday through Thursday immediately after samples are packaged.

Reminder

- Do not introduce any contaminants to
- the sterile bottle or lid
 - the nozzle fitting, or
 - test valve orifice after disinfection.

BACTIQUANT® WATER TEST KIT INSTRUCTIONS

OTHER WATER SOURCE SAMPLE

Components

- (2) Sterile bottles
- (2) Labels for sterile bottles
- (2) Disinfectant wipes
- (2) Ice blocks
- (1) Shipping label



Take water samples any day between Monday through Thursday!

- 1 Place ice blocks in freezer for a minimum of 3 hours.
- 2 Retrieving the sample of water from other water source(s), if not sampling from a ML system.
 - Locate the desired area where water may be sampled from.
 - Wipe the retrieval area with a disinfectant wipe.
 - Bleed water from the retrieval area for 3 seconds before retrieving the sample.
 - Retrieve a sample of water from the desired location.
 - Fill the sample bottle to its neck.
 - Seal the bottle with its cap.
 - Label the bottle with the current date, time, and a brief description for the source of the water.

- 3 Remove the ice blocks from the freezer.
- 4 Pack the test kit box with the ice blocks and the sterile bottles full of sampled water.
- 5 Secure the test kit box with shipping tape.
- 6 Apply the shipping label to the outside of the box.
- 7 Ship the box on any day between Monday through Thursday immediately after samples are packaged.

Reminder

- Do not introduce any contaminants to
- the sterile bottle or lid
 - the nozzle fitting, or
 - test valve orifice after disinfection.