

Bacteriological Reagent Water Testing (NC WW/GW LC Policy 02/15/2018)

At a minimum, reagent water used to make dilutions, prepare buffered dilution/rinse water or prepare media must be analyzed at least every twelve months for the following parameters: Specific Conductance, Total Organic Carbon, Cadmium, Chromium, Copper, Nickel, Lead, and Zinc.

Maximum Acceptable Limits are:

Total Organic Carbon < 1.0 mg/L

Specific Conductance < 2 μ mhos/cm

Heavy Metals, single element < 0.05 mg/L

Heavy Metals, Total of specified elements < 0.10 mg/L

If the facility is using vendor purchased reagent water or dilution/rinse water, this testing is not required as long as the Certificate of Analysis from the manufacturer meets these requirements and is kept on file.