

Facility/Laboratory Name: _____

MICROBIOLOGICAL SUITABLE (MS) WATER

TYPE _____ SYSTEM _____

ANNUAL TEST FOR DISSOLVED METALS

DATE _____ TESTING LABORATORY _____

COPPER _____ mg/L ZINC _____ mg/L LEAD _____ mg/L
 CADMIUM _____ mg/L CHROMIUM _____ mg/L NICKEL _____ mg/L
 (Footnote 4)

MONTHLY TESTING CRITERIA

Date	Lot # of Purchased MS water	Standard Plate Count (Footnote 1) CFU/ML	Total Chlorine Residual (Footnote 2) PPM	Conductivity Meter Calibration Standard/Results (if tested on-site)		Conductivity: Actual Results (Footnote 3) megohm/cm or umhos/ cm (circle one)	Analyst ID or Initials
				Standard	Results of Calibration		

Monthly Testing Criteria: (Note: If MS water is purchased, monthly testing criteria must be done on each lot.)

1. Standard plate count <1,000 colonies/ml (<10,000 colonies/mL when testing stored water).
2. Total chlorine residual negative, recorded as less than the detection limit of the test used.
3. Resistance exceeds 0.5 megohm/cm or conductance is less than 2.0 umhos/ cm (at 25°C). Circle unit measured.
4. Test annually for dissolved metals (Pb, Cd, Cr, Cu, Ni, and Zn) not to exceed .05 mg/L for each metal and not to exceed 0.1 mg/L total for all metals. (Results of ND “Non Detect” for each metal is not acceptable)
5. Records maintained or available on-site since previous survey.