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Instructions for: *WS Residual Chlorine (cat # PT-CL-WS)*

SCOPE AND APPLICATION

Wibby Environmental's WS Residual Chlorine Proficiency Testing Standard is designed to be used with promulgated EPA methods as well as applicable methods from consensus organizations such as AWWA and ASTM. If you have any questions about the use of these standards, please contact Wibby Environmental Customer Service at 303-940-0033.

SAMPLE PREPARATION AND ANALYSIS

1. For best results, the PT standard should be stored refrigerated (4°C) and brought to room temperature prior to dilution and analysis.
2. Add approximately 990 mL of ASTM Type 1 water to a 1000 mL class A volumetric flask.
3. Transfer exactly 1.0 mL of the PT standard concentrate to the flask using a class A volumetric pipette or a gas tight syringe.
4. Bring the flask to volume with ASTM Type 1 water.
5. Mix the solution by inverting the volumetric flask a minimum of three times.
6. The standard is now ready for preparation and analysis per the selected method(s). We recommend the standard be analyzed as soon as possible after dilution. If this is not possible, store the diluted standard at 4° C until analysis.

REPORTING RESULTS

1. Report all results using the Data Reporting Sheets enclosed with your standards.
2. Report results to three significant figures.
3. FAX your results to Wibby Environmental at 303-940-0043. You may also mail your results to Wibby Environmental, 6390 Joyce Drive, #100, Golden, CO, 80403. All results must be received by Wibby Environmental prior to the study closing date shown on the Data Reporting Sheets.

SAFETY

The standards are designed for use by laboratory professionals who are familiar with handling environmental reference materials as well as hazardous materials. If you have any questions about the safe handling of these standards or require a Material Safety Data Sheet (MSDS,) please contact Wibby Environmental at 303-940-0033.

QUESTIONS?

If you have any questions regarding these standards or reporting requirements, please call Wibby Environmental at 303-940-0033.