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## Instructions for: *WS Anions #1 (Cl, F, NO<sub>3</sub> as N, PO<sub>4</sub> as P, and SO<sub>4</sub>)*

### **SCOPE AND APPLICATION**

Wibby Environmental's WS Anions #1 PT Standard is designed to be used with promulgated EPA methods as well as applicable methods from consensus organizations such as AWWA and ASTM. The standard contains Cl, F, NO<sub>3</sub> as N, PO<sub>4</sub> as P, and SO<sub>4</sub>. If you have any questions about the use of this standard, please contact Wibby Environmental Customer Service at 866-WibbyPT (866-942-2978).

### **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 900 mL of ASTM Type 1 water to a 1000 mL class A volumetric flask.
3. Transfer exactly 10.0 mL of the concentrate to the flask using a class A volumetric pipette.
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).

### **REPORTING RESULTS**

1. Report results to three significant figures.
2. Report your results on line at [www.wibby.com](http://www.wibby.com). Click on the "Online Data Entry" link or the "PT Manage" link.
3. You may also report your results using the Data Reporting Sheets enclosed with your standards. FAX your results to Wibby Environmental at 303-940-0043 or mail the results to Wibby

Environmental, 6390 Joyce Drive, #100,  
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4. Wibby Environmental must receive all results prior to the study closing date shown on the Data Reporting Sheets.

### **SAFETY**

These 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.