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Instructions for: *WP Trace Metals (cat # PT-TM-WP)*

SCOPE AND APPLICATION

Wibby Environmental's WP Trace Metals Proficiency Testing Standard is designed to be used for US EPA Methods given in "Methods for Chemical Analysis of Water and Wastes" or methods given in "Standard Methods for the Examination of Water and Wastewater". 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

NOTE: *The WP Trace Metals standard is provided in three vials; WP Trace Metals, WP Mercury and WP Tin & Titanium. Each vial is prepared separately per the following instructions.*

1. For best results, the PT standards should be stored near room temperature (~ 20°C).
2. Add approximately 900 mL of ASTM Type 1 water to a 1000 mL class A volumetric flask.
3. For the WP Trace Metals and WP Mercury standards carefully add 10.0 mL of nitric acid. For the WP Tin & Titanium standard carefully add 20.0 mL of hydrochloric acid.
4. Transfer exactly 10.0 mL of the PT standard concentrate to the flask using a class A volumetric pipette.
5. Bring the flask to volume with ASTM Type 1 water.
6. Mix the solution by inverting the volumetric flask a minimum of three times.
7. 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. 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 866-283-0269 or mail the results to Wibby Environmental, 6390 Joyce Drive, #100, Golden, CO, 80403.
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.