



6390 Joyce Drive
#100
Golden, CO 80403

PHONE 303-940-0033
FAX 303-940-0043
www.wibby.com

Instructions for: Formaldehyde in Soil (Cat # PT-FORM-SOIL)

SCOPE AND APPLICATION

Wibby Environmental's SOIL/HW Formaldehyde Proficiency Testing Standard is designed to be used with USEPA methods. If you have any questions about the use of these standards, please contact Wibby Environmental Customer Service at 1-866-WibbyPT (866-942-2978).

SAMPLE PREPARATION AND ANALYSIS

1. The SOIL/HW Formaldehyde standard includes two separate containers; a poly bottle containing Blank Soil Matrix and a flame sealed ampule containing the Formaldehyde spiking concentrate.
2. For best results, the Formaldehyde concentrate should be refrigerated and then brought to room temperature (near 20°C) when used.
3. Open the Blank Soil Matrix vial and transfer 25.0 g of the matrix into your extraction apparatus.
4. Carefully snap off the top of the ampule containing the Formaldehyde concentrate. Using a gastight syringe, transfer exactly 1.0 mL (milliliter) of the PT concentrate onto the Blank Soil Matrix in the extraction apparatus.
5. The standard is now ready for analysis per your normal procedures for the preparation and analysis of a sample for Formaldehyde in Soil.

REPORTING RESULTS

1. Report all results on line at www.wibby.com. Click on the "Online data entry link" and follow the instructions to enter your results.
2. Report results to three significant figures.
3. For the purposes of reporting results, the percent moisture of the Formaldehyde standard is 0% and the

sample weight is 25 g. Report all results in mg /kg on a dry weight basis.

4. 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.
5. All results must be received by Wibby Environmental 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 1-866-WibbyPT (866-942-2978).

QUESTIONS?

If you have any questions regarding these standards or reporting requirements, please call Wibby Environmental at 1-866-WibbyPT (866-942-2978).

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Soil / Hazardous Waste PT Concentration Ranges and PTRLs

Definitions:

PTRL

NELAC Proficiency Testing Reporting Limits (PTRLs) are provided as guidance to laboratories analyzing NELAC PT samples. At a minimum, the laboratory should use a method that is sensitive enough to generate quantitative results at the PTRLs shown. (REF: NELAC PT FOT Tables)

NA

Not Applicable (NA) has been applied to analytes where a PTRL is not applicable and to state specific analytes that have not had a PTRL determined by the applicable accrediting agency.

Formaldehyde (PT-FORM-SOIL)

NELAC Code	Analyte	Units	Concentration Range	PTRL
Additional State Specific Analytes				
4815	Formaldehyde	mg/kg	50.0 - 200	NA